# CHEMISTAND DRUGGIST

For Retailer, Wholesaler and Manufacturer

MAY 16 1964



NEWCASTLE-ON-TYNE
2975 I (DAY)
28367 (NIGHT)

MAWSON & PROCTOR PHARMACEUTICALS LIMITED

Low Friar Lane, Newcastle-on-Tyne 1 recognised house for ETHICALS in the North-East

MOORLAND DISPLAY BONUS



### TO THE DOZEN

. . . MAY 1st — MAY 31st

#### THIS IS YOUR BONUS

For every dozen packets of Moorland Indigestion tablets you order during May, you will receive one bonus packet *free*; for every display carton of 2 dozen 1/- single rolls you will receive a free 1/10d. packet. You pay no purchase tax on the bonus—we pay it for you.

#### **PLUS THESE QUANTITY DISCOUNTS**

£2. <b>1</b> 0s	order	(excluding	Tax)	less	$2\frac{1}{2}\%$
£5	"	"	,,	,,	5%
£7. 10s	"	**	,,	,,	7½%
f10					10%

Assorted Products e.g. Penetrol, Bunty, Cetal, Cab Drivers Products. Carriage Paid £5 nett and over, one delivery.

#### HOW TO GET YOUR BONUS

Offer is open from May 1st to May 31st only. Bonus applies to retailers only. Orders placed through your Moorland representative or direct. Minimum order £2. 10s. Bonus is subject to your agreement to a 14 day window or counter display for Moorland Indigestion Tablets.



ACT TODAY!
OFFER CLOSES
ON MAY 31st

#### **ONLY TO CHEMISTS**



Make the most of it!
Put
Moorland in front on your counter or window

#### **POWERFUL NATIONAL ADVERTISING**

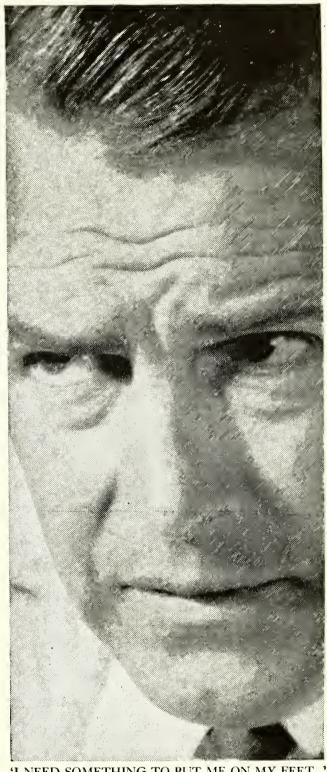
every other week throughout the year in WOMAN'S OWN, WOMAN'S REALM, WOMAN'S WEEKLY.
Plus intensive television on Granada and ABC

Retail: 20's roll, 1/-, 40's carton, 1/10d, 80's carton, 3/-,

W. B. CARTWRIGHT LTD · RAWDON · LEEDS



'THINGS ARE TOO MUCH FOR ME THESE DAYS...'



'I NEED SOMETHING TO PUT ME ON MY FEET...'

#### When your advice is needed

The pharmacist plays a big part in the life of the family. Every day his advice is sought on all manner of problems. People trust him and their trust is rewarded by a standard of pharmacy which is higher than anywhere else in  $\mu$ the world. The preparations of Vitamins Limited are designed to match these high standards. For prescription and counter.

BEMAX Stabilized wheat germ, the ideal natural food supplement. VITAVEL SYRUP Helps to keep children fit and build up resistance to infection.



STOCK UP FROM THE BEST SELLING RANGE OF HOT WATER BOTTLES EVER MADE



42/-

27/8

#### BACKED BY MASSIVE ADVERTISING

CUSTOMERS WILL ASK FOR AND LOOK FOR THIS TRADE MARK IN YOUR SHOP

GUARANTEED GUARANTEED SERVICE DELIVERY

PATA CONTROLLED (full profit margins)

LOOK FOR SUBASEAL ON THE CAP

AVOID IMITATIONS

I SUBA-SEAL STANDARD

Original, anchored Suba-Seal closure. 60/- doz. Retail 7/6 YOUR PROFIT 30/-30/-

2 SUBA COMET Regd. Half-ribbed, Suba-Seal leak-proof closure. 63/4 doz. Retail 7/11 YOUR PROFIT 31/8

31/8

3 SUBA-SEAL STREAMLINE Fully ribbed, with Suba-Seal closure. 68/- doz. Retail 8/6 YOUR PROFIT

4 SUBA-SEAL GIANT
Twice the capacity of a Standard Bottle. Gives longer heat retention. Original SUBA-SEAL anchored closure. Retail 10/6 84/- doz.

YOUR PROFIT PENNANT Regd.

Full No. 3 size, screw stopper. 55/4 doz. Retail 6/11 YOUR PROFIT

6 SUBA-LUXE Regd. Rich ocelot cover, zipped. 199/4 doz. Retail 24/11 YOUR PROFIT 99/8

7 SUBA-SEAL FATHER BEAR Large size Large size, with Suba-Seal Leakproof closure. 68/- doz. Retail 8/6

YOUR PROFIT

34/-B SUBA-SEAL STREAMLINE COT Leakproof Suba-Seal closure, protective ribbing. 31/4 doz. Retail 3/11 YOUR PROFIT 15/8

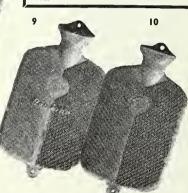
115/8

RAYLINE Regd.
Full No.3 size bottle with screw stopper. Ribbed overall.
68/- doz.
YOUR PROFIT
RAYLINE Regd.
Retail 8/6
YOUR PROFIT
34/-

SATURN Regd.
Saturn Regd.
Full No. 3 size bottle with screw stopper. Ribbed one side.
63/4 doz.
YOUR PROFIT
31/8 34/-

#### EXTRA PROFIT IF YOU ORDER NOW!

5% discount if you order before 30th June and take delivery before 31st December. All this extra profit, plus usual generous 50% profit on



#### PRICE with these four popular hot water bottles

#### BARA Regd.

Top-class bottle with conventional screw closure. 39/6 doz. Broken pack quantities.42/6 doz.

#### SUBA-RAY Regd.

Top-selling half-ribbed style with leakpoof anchored Suba-Seal closure, 41/- doz Broken pack quantities. 44/- doz.

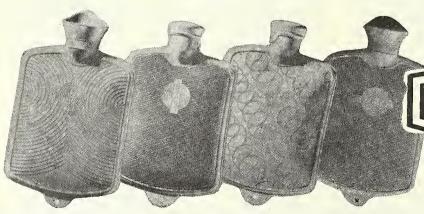
#### SUBA-STAR Regd.

Exclusive original Suba-Seal closure. Non-ribbed. 39/- doz. Broken pack quantities. 42/- doz.

#### BARA-RAY Regd.

Each model in packs of 50-25 red, 25 blue or as required. FULL SIZE, FULL BSS 1970 SPECIFICATION.

Half-ribbed style for heat retention with conventional screw closure. 41/6 doz. Broken pack quantities 44/6 doz.



See your wholesaler now!

or write to:

William Freeman & Co. Ltd. Tel: Barnsley 4081 Suba-Seal Works, Staincross, Barnsley, Yorks



because shoppers know that Star Spray is a top quality product. They trust the famous Bristow brand. See for yourself. A unique self-service dispenser has been developed exclusively for Bristow's Star Spray. Fill it, show it and see how fast it empties. With Bristow's Star Spray demand takes care of the sales – and high margins look after your profits!

Concentrate on Beecham Brands - your keys to bigger profits

Ф106СН

BEECHAM TOILETRY DIVISION · BEECHAM HOUSE · BRENTFORD · MIDDLESEX

Helene Curtis ANNOUNCE THAT

MAGiC SECRET

temporary wrinkle smoothing skin lotion

AND

Bain d'Or



ARE BEING SOLD ON A LIMITED FRANCHISE BASIS ONLY

This gives you a wonderful, privileged opportunity

Why privileged?

MAGiC SECRET.

Magic Secret is an incredible new cosmetic that smooths away wrinkles in minutes and keep them away for hours. And because Magic Secret is a natural protein lotion, supplies are limited. We can therefore only give continuity of supplies to a limited number of stockists throughout the country. Whoever becomes a stockist therefore is assured of a huge demand for a high profit item.

Bain d'Or

Because the Bain d'Or range, with its high quality at a reasonable price, represents an entirely new approach to this wide open market, it too, is being limited in its distribution.

Apply now to become a franchised Helene
Curtis stockist and be able to offer your
customers either Magic Secret or the
wonderful new Bain d'Or range!

#### Will demand be stimulated?

#### MAGIC SECRET.

National Advertising campaign is already in progress. Big spaces are appearing in-

**SUNDAY TIMES AND** THE COLOUR MAGAZINE VOGUE **OBSERVER** SUNDAY TELEGRAPH DAILY TELEGRAPH **EVENING STANDARD** 

**COUNTRY LIFE** HARPER'S BAZAAR **TATLER AND WOMAN'S JOURNAL**  Bain d Or

There is a big advertising launch under way consisting of full pages in-

HARPER'S BAZAAR OUEEN **READER'S DIGEST WOMAN'S JOURNAL**  FLAIR **VOGUE AND MODERN WOMAN** 

which will be read and absorbed by millions of Women.

#### What is the Bain d'Or range?

It will be spearheaded by Bain d'Or Dry Skin Bath Oil—which is certainly no ordinary bath oil! It contains special moisturizers that smooth away dry skin and keep precious natural skin oils from evaporating. It is a high quality, superbly packaged product at a price so reasonable it can be used every day!

Bain d'Or is:

**NEW**—in quality at reasonable price.

NEW—in attractive packaging.

**NEW**—in its striking national advertising.

Fill in the form below today—it is your opportunity to apply for a franchise and be part of a huge success story.

#### **APPLICATION**

TO: Helene Curtis Ltd., 6 Albemarle St., London W.1.

I would like to apply to become a franchised stockist of Helene Curtis Skin Care Products (Magic Secret & Bain d'Or).

I understand the opening order to be:-

	me Retail . Price	My Profit	Retail Price (each)
12 - Magic S			
£18		£7.4	£2.2
6 — Bain d'C	r Bath Oil fo	or Dry Skin	
		£1.1.6	12/6d
6 — Bain d'C	r Moisturing	Lotion	
	£3.15		12/6d
6 — Bain d'O	r Bubbling E	Bath Oil	•
£2.13.6		£1.1.6	12/6d
			·

NAME ADDRESS

Every item in the range is equally attractive in price, quality and packaging—and what's more, has been proved in America to have enormous sales appeal. There are huge opportunities in the sale of dry skin bath oil and luxury bath products that have never been fully exploited before—and you can take a privileged part in extending these sales.



Free dispenser supplied with order

The range comprises:

BAIN D'OR Moisturizing Lotion. BAIN D'OR Bubbling Bath Oil.

BAIN D'OR Talc.

BAIN D'OR Bath Oil for Dry Skin.

Each item retails at the standard price of 12/6d.

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#### LAZITAN

... BECAUSE LAZITAN

enables your customers to tan lazily, attractively in three hours or overnight . . .

... BECAUSE LAZITAN

is presented in a sales compelling pack . . .

... BECAUSE LAZITAN

wider market . . .

THEREFORE YOU should stock LAZITAN

and advise your Customers how by following the simple directions, they can build up a tan as deep, or as light as they wish.

#### WHY NOT DOUBLE YOUR SALES

Retail 3/11 only for a large tube. Special C. & D. offer

l dozen 24/- per dozen + 25% 3 dozen 23/- per dozen + 25% 6 dozen 22/- per dozen + 25%

Please mark your orders C. & D.

AYRTON, SAUNDERS & COMPANY LIVERPOOL · PRESTATYN · DUBLIN

# mdré Philipp



### THE BIG F

Stunning Shape — Easy to Handle Bottles.

No. 24 Eau de LAVANDE, Eau de COLOGNE Elegant and attractive.

No. 16 SOFTAIRE SHAMPOO, Lemon Cream -> and Rose Cream, Liquid

Retails 2'6

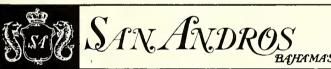
Price per doz 17/3 plus 25% P.T.

#### ANDRE PHILIPPE LIMITED

71-71B GOWAN AVENUE, FULHAM, LONDON, S.W.6

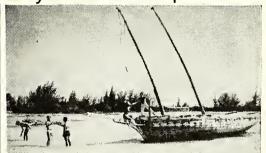
Telephone: RENown 2194-2397





the community built around a plantation





on the bahamas harbour estate

£395 or £5 deposit & £6 a month Here among the superb pine forests of Andros Island is the opportunity to acquire a 10,000 sq. ft. freehold homesite in the rapidly developing community of San Andros, set in the heart of a thriving agricultural area. Only 34 miles from Nassau, this fully-serviced estate has its own roads, harbour and beach, an airport and plentiful fresh water.

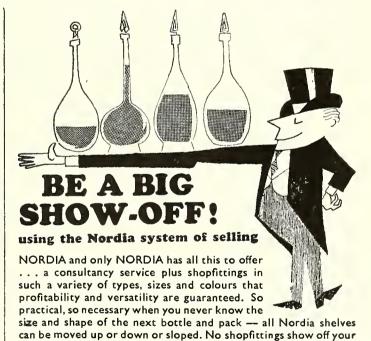
An unrivalled investment in the largest of the Bahamian islands—and the one with the greatest development potential. Values must rise.

San Andros for world-famous fishing, year-round sunshine,

no land taxes, Sterling area.

For an eight-page colour booklet, giving full details, please complete the coupon below

Please send me the	"San Andros" brochure	
NAME		
ADDRESS		
1 am interested for this reason	INVESTMENT RETIREMENT HOLIDAY	



94 Baker St., London W.1. lam interested in learning more about the Nordia system of selling. NAME ..... ADDRESS

merchandise better than Nordia . . . no shopfittings allow you

25 Wellington St., Leeds.

greater scope to impress your personality upon your premises

(and go on doing so!) A Nordia-

planned shop is tailor-made

for you.

ADDRESS ..... C.D.

NORDIA IN Nordia Shopfittings (Ireland) Ltd., 94B Lower Drumcondra IRELAND Rd., Dublin 9. Wm. Mitchell, 130 Holywood Rd., Belfast 4.







### CALAMINE CREAM

This elegant preparation continues to enjoy a wide appeal. Have you received your sample? Please do not hesitate to advise us.

Available under Chemist's Own Brand — Own Name packs. Seven different designs. Cartoned tubes In attractive modern showouters

CHARMING SHOWCARD IN 4 COLOURS

TRADE PRICE I dozen cartoned tubes in showouter 14/plus 25% P.T.

Retail selling price 2/4 per tube Quantity discounts on request

ARTHUR H. COX & CO. LTD BRIGHTON SUSSEX

#### SANGRAL PRODUCTS

Made famous by SUCCESS and RECOMMENDATION



3 TYPES—All best-sellers!
GENERAL · TOMATO Special · DAHLIA
and CHRYSANTHEMUM Special
Backed by National and Provincial Advertising

ORDER NOW from your usual supplier

The NEW successful and attractive

SANGRAL HOUSEPLANT FOOD

In efficient drop dispenser flask

STANDARD PACK 24 with COUNTER DISPLAY Retails at 2/-

Write for illustrated PRICE LIST of complete range

SANGRAL (SALES) LTD.,

CARRUTHERS STREET, LIVERPOOL 3



PROTECTIVE-YET SO GENTLE



The best soap for all the family

TO BE ADVERTISED

MORE FREQUENTLY, TO MORE

PEOPLE THAN EVER BEFORE...

#### . . ON TELEVISION . . . IN THE NATIONAL PR



270

#### quarter-minute Television advertisements

WEEK AFTER WEEK, MONTH
AFTER MONTH FROM MAY TO
DECEMBER IN THE FOLLOWING
TELEVISION AREAS

LONDON
MIDLAND
LANCASHIRE
YORKSHIRE
WALES & W. ENGLAND
ANGLIA
SOUTHERN
TYNE TEES
CORNWALL AND DEVON
BORDER



108

in the Sunda newspapers with the large readerships

SUNDAY AFTER SUNDAY, IN

NEWS OF THE WOR

(READERSHIP 17,625,000)

THE PEOPL

(READERSHIP 15,725,000)

SUNDAY MIRROR

(READERSHIP 14.624.000)

SUNDAY EXPRESS

(READERSHIP 11,140,000)

#### IN LOCAL NEWSPAPERS . . . AND ON POSTERS



1284

in the leading
Provincial
newspapers

WEEK AFTER WEEK, FROM MAY TO DECEMBER IN THE FOLLOWING AREAS

FORDSHIRE
KSHIRE
KINGHAMSHIRE
MBRIDGESHIRE
SHIRE
RNWALL
MBERLAND
RBYSHIRE
VON
RSET
RHAM

DUCESTERSHIRE
MPSHIRE
DISLE OF WIGHT
REFORDSHIRE
RTFORDSHIRE
NTINGDONSHIRE
E OF MAN

LANCASHIRE **LEICESTERSHIRE** LINCOLNSHIRE NORTHAMPTONSHIRE NORTHUMBERLAND NOTTINGHAMSHIRE OXFORDSHIRE SHROPSHIRE SOMERSET STAFFORDSHIRE SUFFOLK SURREY SUSSEX WARWICKSHIRE WESTMORLAND WILTSHIRE WORCESTERSHIRE YORKSHIRE



# Posters on London Underground trains, lifts, escalators and platforms

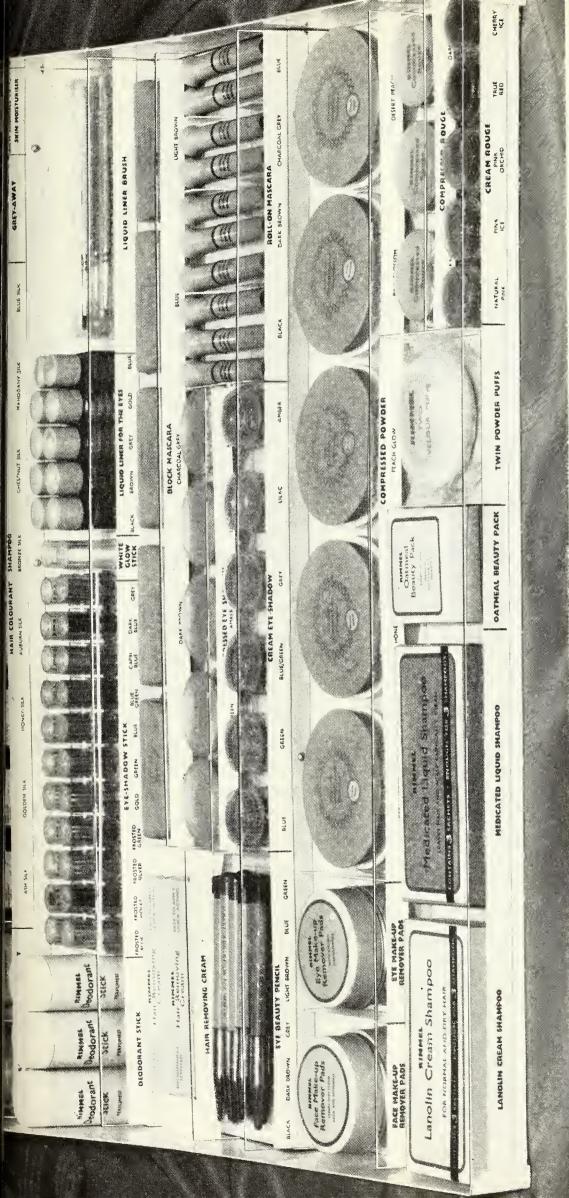
AS WELL AS POSTER SITES
AT LONDON'S MAIN STATIONS



BY A WHOLE PAGE ADVERTISEMENT IN TO BE PROMOTED ON 24TH MAY

(THE KEY TO THE MASS MARKET)

The advertisement will be seen, and studied at leisure, by 15,725,000 readers. Be ready for the increased demand which will be created.



INCREASINGLY BY MILLIONS OF BEAUTY-CONSCIOUS RIMMEL 'BEAUTY ON A BUDGET' IS THE BEAUTY SERIES WITH THE NAME FOR QUALITY, LOOKED FOR AND BOUGHT AND VALUE-CONSCIOUS GIRLS AND WOMEN

### SUMMER RHEUMATISM STRIKES SUDDENLY!

Under this headline. RADIAN-B will be widely advertised throughout the summer season. Rheumatism is *NOT* a seasonal complaint —the reason why consistent advertising boosts demand for RADIAN products all year round.



SEE HOW WELL IT PAYS YOU TO DISPLAY RADIAN PRODUCTS

This offer is available until June 30th

For an order of £3 (exc. P.T.) you can have any combination of ASPELLIN, RADIAN or RADIOL products and earn 10% EXTRA DISPLAY DISCOUNT now!

With your order you receive attractive display material which will rapidly increase demand by stimulating impulse purchases and reminder sales.

NO "COMPETITORS"—OUR POLICY IS TO SUPPLY CHEMISTS ONLY—and there is a very generous profit margin, too!

National and Provincial newspapers, the sporting press, big-circulation women's magazines, and seasonal spots on T.V. stress the benefits of RAD-IAN treatment for ALL types of rheumatic sufferers.

A typical £3 parcel. Measures less than ONE CUBIC FOOT

DON'T MISS OUT ON YOUR SALES OF RADIAN PRODUCTS WHEN SUMMER RHEUMATISM STRIKES. ORDER, DISPLAY AND REAP YEAR-ROUND PROFITS FROM THIS COMPREHENSIVE RANGE . . .

RADIAN-B Aspirin Spirit Liniment RADIAN-a Spirit Dressing RADIAN MASSAGE CREAM RADIAN SOOTHING CREAM RADIAN BATH SALTS RADIAN OVALS RADIOL Veterinary Productsand ASPELLIN (E.C.10 only)

Send your orders to:

#### RADIOL CHEMICALS LT

Radian House, 78 Upper Richmond Road, London, S.W.15. Tel. VANdyke 1642 & 2692 SCOTTISH AGENT: Donald Macaulay Ltd., 22 King Street, Trongate, GLASGOW, C.1. Tel: Glasgow Bell 1909 N. IRELAND AGENT: Groves of Ireland, 54 Great Victoria Street, BELFAST, 2. Tel: Belfast 29333

### CHANGE NAME AND **ADDRESS**

Due to continuing expansion, the group of companies including Pretested Products Ltd., Wallace Laboratories, and Beacon Household Products Ltd. will move on May 19th to Folkestone. At the same time, the name of Pretested Products Ltd. will be changed to Carter-Wallace Ltd. The consumer pharmaceuticals and toilet preparations of the Company will in future be marketed by a new division—Carteret Products.

The new structure, addresses etc., are as follows:

CARTER-WALLACE LTD. (formerly Pretested Products Ltd.)

Wear Bay Road, Folkestone Telephone: Folkestone 55335

Telegrams: Preprod

CARTERET PRODUCTS (formerly consumer products division

of Pretested Products Ltd.) Wear Bay Road, Folkestone Telephone: Folkestone 55335

Telegrams: Preprod

#### WALLACE LABORATORIES

Wear Bay Road, Folkestone Telephone: Folkestone 55441

Telegrams: Wallabs

#### BEACON HOUSEHOLD PRODUCTS LTD.

Wear Bay Road, Folkestone Telephone: Folkestone 55467 Telegrams: Beaclean



#### What's happened?

#### We're saving space and weight—with a new glass bottle

Great idea! A new Robinsons glass bottle to make life easier for you. It saves 1 inch of headroom. Weighs 1 lb. less per dozen. Stands steadier too!

#### And it holds just as much as before!

Fluid content, strength and basic shape remain unchanged. Watch out for the first arrivals in May—and a progressive change-over across the whole Robinsons range.

#### ROBINSONS

J & J COLMAN LIMITED, CARROW WORKS, NORWICH



What is the perfect age for a gorgeous skin? A lot of people associate the schoolgirl with a perfect skin. Well, for the lucky few this is true, but for nearly all women skin loveliness comes with care . . . even in their twenties . . . and certainly later on. The skin has to be cared for, nourished and fed. One thing is certain, science has seen to it that this is the perfect age for skin care. Nowadays anyone can have a healthy, glowing petal-smooth skin whatever their age.

At New Era Laboratories, for instance, we have just created a new skin lotion . . . so different . . . so effective that we are certain it will solve the problem of skin care for once and all. We have called it HYMOSA. Combining for the very first time selected skin nutrients and biochemic tissue-salts, we believe this lotion to be unique in the field of cosmetics. 40 years Biochemic experience has convinced us that HYMOSA is the answer to a lovely skin! HYMOSA Lotion is now being advertised in a wide range of Women's magazines, including Woman, Woman's Own, Woman's Weekly, Woman's Realm and Woman's Mirror.

It is obtainable from your wholesaler and retails at 15/9d. per bottle.

HYMOSA Lotion is a P.A.T.A. line yielding  $33\frac{1}{3}\%$  profit.

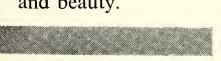
A Biochemic product of

#### **NEW ERA LABORATORIES LTD..**

Cecil House, Holborn Viaduct, London E.C.I.

#### HYMOSA.

for skin health and beauty.







### THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

THE WEEKLY NEWSPAPER FOR PHARMACY and all sections of the drug, pharmaceutical, fine chemical, cosmetic, and allied industries

Official organ of the Pharmaceutical Society of Ireland and of the Pharmaceutical Society of Northern Ireland

Volume 181

May 16, 1964

No. 4396

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PUBLISHED BY

MORGAN BROTHERS (PUBLISHERS), LTD., at 28 Essex Street, Strand, London, W.C.2

Telephone: Central 6565

MEMBER OF THE AUDIT BUREAU OF CIRCULATIONS

MORGAN BROTHERS (PUBLISHERS), LTD. 1964

GLASGOW: 160 Nether Auldhouse Road, S.3. Phone: Langside 2679. LEEDS, 16: 32 Wynford Rise, West Park. Phone: Leeds 67 8438. WOLVERHAMPTON: 89 Woodland Avenue, Tettenhall Wood. Phone: Wolverhampton 52301,

ANNUAL SUBSCRIPTION

which includes The Chemist and Druggist Diary and Year Book, £3 10s. Single copies 1s. 3d. each (postage 5d.).

18

### MENE

#### Price increase

Rising costs have necessitated a slight price increase on Sizes 0, 1 & 2 Mene Towels.

The new selling prices will be effective from the 25th May, although trade orders received up to Monday June 1st, bearing a May postmark, will be accepted and invoiced at the current prices.

#### New prices

SIZ	ZΕ					SELLING PRICE
0	in	packets	of	1	dozen	2/ld per packet
I	11	,,	,,	,,	,,	2/4d ,, ,,
2	11	,,	,,	,,	11	2/10d ,, ,,
3	[,,	,,	11	,,	"	<b>3/6d</b> ,, ,, (Unchanged)
4	,,	,,	,,	,,	,,	<b>4/3d</b> ,, ,, (Unchanged)
1	in	packets	of	$\frac{1}{2}$	dozen	I/Id " "

If you have not received full details of the new Trade and Selling prices, and the Special Quantity Discount Scheme, please write to:

ROBINSON & SONS LTD., WHEAT BRIDGE MILLS, CHESTERFIELD.

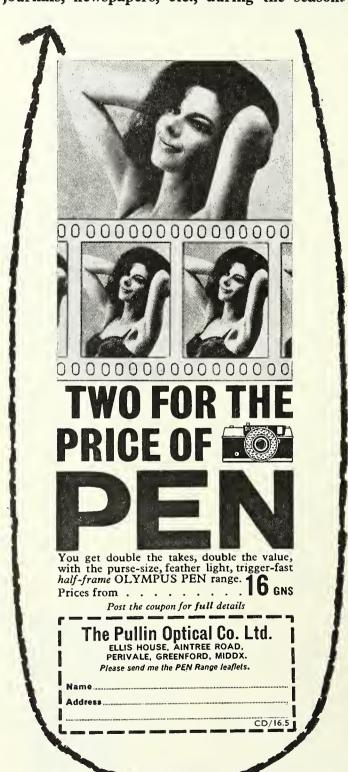
Telephone 2105 (11 lines).

# OLYMPUS Dominate the half-frame market OLYMPUS PEN Cameras sell fast OLYMPUS Sales mean high profits

(See our Salesman for news of special discounts)

#### THIS ADVERTISEMENT

and many more will be appearing in numerous journals, newspapers, etc., during the season.



## The CHEMIST AND DRUGGIST

Volume 181

MAY 16, 1964

No. 4396

#### **B.P.** Conference

PLACES ALMOST FULLY BOOKED

SO many applications have been received for membership of the 1964 British Pharmaceutical Conference meeting in Edinburgh, September 14-18, that the banquet list is now fully booked. The local committee states that accommodation available at the Assembly Rooms limits banquet seating to 600 and full conference membership to 750. To avoid disappointment, therefore, intending visitors should apply so soon as possible to the local secretary, Mr. A. W. Patterson, pharmacy department, Heriot-Watt College, Grassmarket, Edinburgh, 1. No decision has yet been made by British Railways whether to continue the railway fares concession but, if the decision is favourable, vouchers will be mailed to applicants who have shown interest. If the concession is discontinued, notice will be given in the technical Press.

#### **Selling to France**

EXPORT COUNCIL FOR EUROPE REPORT

ALTHOUGH British exports to France have increased by over 60 per cent. in the past two years, and shops of Paris carry British goods, they are conspicuous by their absence in the important regional centres of France. The Export Council for Europe recently commissioned a special survey of the Rhone-Alpes region and from inquiries made at the principal other centres, such as Marseilles, Bourdeaux, Strasbourg and Lille, the findings of the survey are of equal validity there too. Products for

which the report shows opportunities to exist now include toilet requisites. Among the 102,500 outlets in the region, states the report, is the *droguiste* (described as a cross between a domestic store and a chemist's shop), who quite frequently stocks 3,000 items.

#### Photographic Equipment

OCTOBER-DECEMBER 1963 SALES UP

THE value of deliveries of photographic equipment in the fourth quarter of 1963 was, as in the previous quarter, about a third higher than a year earlier. Home deliveries, rising by over half, accounted for a greater part of the increase, while export deliveries were up by one-tenth. That information is given in the Board of Trade's Business Monitor. By contrast, output of all types of cinematographic cameras for both home and export markets was again lower than a year earlier, apart from an increase in export de-liveries of non-standard types. Export deliveries of miniature photographic cameras continued to rise in the fourth quarter, and home deliveries were half as high again as a year earlier. Deliveries of other photographic cameras for the home market were 5 per cent. higher, but export deliveries were 7 per cent. lower. Output of cinematograph film in the fourth quarter was substantially higher than in the same period of 1962; deliveries of other film rose by 7 per cent. in the home market but fell by 14 per cent. for export. In 1963 as a whole the value of deliveries of photographic equipment increased by over a quarter compared with a year earlier. Output of cine and photographic cameras, other than miniature, was lower than in 1962. Of miniature cameras, production was maintained throughout 1963 at a level well above that of the previous year.

#### D.D.A.

AUTHORITIES WITHDRAWN

AUTHORISATION to be in possession of, or to supply or prescribe Dangerous Drugs, has been again withdrawn from Henry Joseph Caron, L.A.H., The Surgery, Tyntala Road, Llwynpia, Rhondda, Glamorgan. Dr. Caron's authorities were first withdrawn in 1961 and were reinstated in 1963

[The list in the C. & D. Diary and Year Book, 1964 (p. 276), should be suitably amended—EDITOR.]

#### **Exhibitions to Merge**

MEDICAL WITH HOSPITAL EQUIPMENT

THE organisers of the International Hospital Equipment and Medical Services Exhibition (Contemporary Exhibitions, Ltd.), have acquired the goodwill of the London Medical Exhibition from British and Colonial Druggist, Ltd., who have been responsible for that annual event since 1905. The directors of Contemporary Exhibitions, Ltd., in announcing the acquisition, state that, in recent years, the establishment of the International Hospital Equipment and Medical Services Exhibition has led to some overlapping of interests, but under the new arrangement that should be eliminated. Many long-term hospital developments that are now projected foreshadow a closer linkage





BRISTOL STUDENTS ON TOUR: Accompanied by Mr. A. J. Draper (lecturer in pharmacology) a group of first-year students from the School of Pharmacy at Bristol College of Science and Technology recently spent a day with Merck Sharp & Dohme, Ltd., and their associate company, Thomas Morson & Son, Ltd. (they are here seen hearing an explanation of the tablet-coating process). In the right-hand picture other Bristol students are seen watching a demonstration on a spectrometer in the control laboratories of the Pfizer group at Sandwich, Kent.

N.P.U. Executive

COMMITTEE MEMBERS APPOINTED

THE following committee appointments

were made at the National Pharma-

ceutical Union Executive meeting held

on April 29 (see C. & D., May 9, p.

to the hospitals of the main body of general practitioners, and the merging of the two exhibitions under a single direction should facilitate a comprehensive presentation of the complete range of products and services needed throughout medical and hospital practice. An announcement regarding the next London Medical Exhibition is promised.

#### **Income Tax Reform**

NEW BASIS SUGGESTED FOR COMPANIES A SCHEME for income tax assessments on the trading profits of companies to correspond with the period to which companies make up their accounts has been drawn up by the Inland Revenue and published as a White Paper (Cmnd. 2347) by H.M. Stationery Office, price 2s. 6d. For the scheme it is claimed that it would simplify the tax position of companies at the start of trading (where the same profits are assessed for more than one year of assessment) and at the end (where some profits are left out of assessment), would disappear. The Inland Revenue expects it would need one year, after legislation, to make administrative arrangements for changeover.



### A60):— National Health Service (Chemist Contractors) Committee: Messrs. A. Aldington, J. O. Bond. H. B. Coulson, G. T. M. David, A. Howells, C. Jacobs, H. G. Moss, C. Orrell, W. T. Rees. C. H. Smith, H. Steinman, Deputies: Messrs.

C. H. Smith, H. Steinman, Deputies: Messrs. E. A. Brocklehurst, J. Reed, T. G. Anwyl. (Other members of the Committee are:—Representing Company Chemists' Association, Ltd., Messrs, R. W. Gillham, D. E. Sparshott, Representing Co-operative Chemists' Union, Ltd., Mr. H. Warburton, (Mr. F. W. Adams (Registrar, Pharmaccutical Society) attends the meetings of the Committee.)

Representatives of Staff Side Committee "A" Pharmaceutical Whitley Council:—Messrs. A. Aldington, J. O. Bond, G. T. M. David, A. Howells, H. G. Moss, W. T. Rees and H. Stein-

#### Sulphuric Acid

PRODUCTION IN FIRST QUARTER

PRODUCTION of sulphuric acid by members of the National Sulphuric Acid Association, Ltd., during the first

DINERS AT TIPPER-ARY: Group at recent dinner and dance for Benevolent Fund of Pharmaceutical Society of Ireland includes Messrs. P. Butler (county manager), P. B. Joy (secretary), F. Loughman (chairman), W. H. Ferguson (vice-president, Irish Drug Association), T. J. Noonan (county surgeon) and Dr. A.

#### **GUILD OF PUBLIC PHARMACISTS**

Council and annual meetings

MATTERS of common interest to the Guild of Public Pharmacists and the Pharmaceutical Society were discussed at meetings of the Guild council on May 8-9 attended by Mr. F. W. Adams (secretary and registrar, Pharmaceutical Society). Subjects included the proposed diploma in hospital pharmacy and the appointment of a hospital pharmacist to the Poisons Board. Mr. Adams explained that there was no vacancy on the Board at present but the Society would be prepared to discuss with the Guild specific points connected with Poisons Rules and Schedules for presentation to the Poisons Board. On accidental poisoning he said that the Society was developing an exhibition that would become the focal point of local efforts. The aim of the exhibition was to show the care and skill that went into the preparation of medicines and to encourage the public to regard them as different from other commodities (see p. 495).

The salaries secretary reported that the salaries circular to be sent out on May 14 would include the new salaries of part-time and locum pharmacists and post-graduate students. The Pharmaceutical Whitley Council, Committee "C" had recently agreed that allowances for chief pharmacists of teaching hospitals and lecture fees for

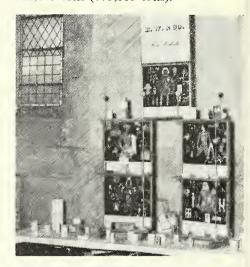
lectures to nursing staff should be increased as from April 1. The Management Side had made no offer on the claim for an economic increase of  $3\frac{1}{2}$  per cent. in hospital pharmacists' salaries. Council agreed that the Guild should press for a new survey of hospital pharmacy.

Mr. J. D. Fennell (senior pharmacist, Guy's Hospital) was co-opted to council in place of Mr. R. Field who has resigned for personal reasons.

On May 9 the Evans medal for 1963 was presented to Mr. W. E. Phillipson (formerly chief pharmacist Crumpsall Hospital, Manchester). Mr. Phillipson has been a vice-president of the Guild and was founder member of the Manchester Branch. Miss Joan C. Greenleaf presented her Geigy Travelling Fellowship paper on "Quality Control in Hospital Pharmacy" which surveved control in Holland, Switzerland, Denmark and Sweden.

At the annual meeting of the Guild which followed, amendments proposed by council to the rules and constitution were agreed in full. They included increases in subscriptions for full membership to £3 13s. 6d. and for associate membership to £1 1s. The qualifications for associate membership have been extended to include certain hospital pharmacists abroad.

quarter of the year totalled 764,629 tons against 777,455 tons in the previous quarter, cnded December 31, 1963. Sales during the quarter amounted to 782,049 tons (773,115 tons).



PHARMACEUTICALS DISPLAYED TO LOCAL CHURCHGOERS: Participating in "industrial Sunday" on May 3, Burroughs Wellcome & Co. staged a display of their products in Dartford Parish Church.

#### IRISH NEWS

THE REPUBLIC

#### The New Association

OFFICERS AND COMMITTEE ELECTED

THE first meeting of the central committee of the Irish Pharmaceutical Association was held in Dublin on May 4 when the following officers were elected for the coming year:—

President, Commandant B. J. Anderson; Vice-president, E. Burrell (Workers' Union of Ireland, pharmacy branch); Treasurer, Mrs. Patricia Darcy (Hospital Pharmacists' Association); Acting secretary, J. Travers (Irish Pharmaceutical and Medical Representatives' Association); Committee, Messrs. D. J. Murphy and W. Gardiner (Irish Drug, Association); Mrs. Darcy and Miss Ann McCarthy (Hospital Pharmacists' Association); Commandant Anderson and Captain M. J. Duane (Army pharmacists); Messrs. G. J. Fitzgerald and Burrell (Workers' Union of Ireland, pharmacy branch); E. Hughes and D. Murphy (pharmacists' branch, Local Government Officials' Union); F. Walsh and J. Travers (Irish Pharmaceutical and Medical Representatives' Association); J. P. Morgan and P. J. O'Sullivan (Irish Pharmaceutical Students' Association).

It was decided to consider establishing a quarterly magazine and to proceed immediately with preparations for a pharmacy week to be held later this year.

#### IRISH BREVITIES

THE NORTH

THE 1964 tournament of the Ulster Chemists' Bowling Association in aid of the Northern Ireland Chemists' Benevolent Fund is being held at Belmont Bowling Green, Kincora Avenue, Belfast, 4, on May 27, at 2.30 p.m.

A MEETING of pharmaceutical contractors in Northern Ireland is being held immediately after the main session (at 5.15 p.m.) at the Ulster Chemists' Association Conference at Portrush on May 17 to appoint a permanent chemist contractors' representative to attend meetings and undertake negotiations connected with the Health Service.

#### NEWS IN BRIEF

MESSRS. W. J. Carter and M. N. Conville have been re-elected chairman and vice-chairman of the British Aerosol Manufacturers' Association.

THE Isle and Man Legislative Council has introduced a Bill to stop the use of drugs for non-therapeutic purposes. It is designed to prevent the island being used as a "back-door" for the import of drugs into England.

THE Royal College of Physicians of London has received £100,000 from the Wellcome Trust which is to be used as endowment for the College's historical library, to be known in future as the Wellcome Library of the Royal College of Physicians.

THE merger of the National Association of British Manufacturers, the Federation of British Industry and the British Employers' Confederation into one national organisation is recommended in a report drawn up by two independent commissioners at the request of the three bodies. An interval of two to three months is expected to occur before any firm decision is taken on the report.

SUGGESTING a rheumatology service for Britain, Dr. Oswald Savage (medical secretary, Arthritis and Rheumatism Council) said at the Council's annual meeting in London on May 7 it had been found that chemical changes did not necessarily start their mischief in the surface cartilage of a joint but might begin in the underlying bone. That might throw new light on the cause of osteo-arthritis.

#### Courses and Conferences

A ONE-DAY conference to provide an opportunity for personnel and staff managers to exchange ideas on current promotion policies is being held by the Industrial Welfare Society at the Connaught rooms, Great Queen Street, London, W.C.2, on June 2. A programme is available from the Society. Robert Hyde House, 48 Bryanston Square, London, W.1.

A NEW three year full-time course of degree standard is being offered by the School of Photography, 309 Regent Street, London, W.1. Scholarships worth £350 per annum and tenable for the three years of the course are being offered by Kodak, Ltd., Ilford, Ltd., Gevaert, Ltd., and The Rank Organisation. Further details can be obtained from the head of the school.

#### SPORT

Golf.—South London and Surrey Pharmac'sts' Golfing Society and London Chemists' Golfing Society, A combined meeting was held at the Royal Mid-Surrey golf club on May 6 when a Stableford competition was played for prizes presented by both societies, Results: 1, A. Wilson, Croham Hurst, 35 points; 2, D. Spier, Shirley Park, 34 points; 3, H. Duckering, Mapperley, 32 points.

#### LOCAL OFFICERS

PHARMACEUTICAL SOCIETY

Newcastle and Northumberland.—Chairman, 1. E. Robinson; Vice-chairman, E. Brennan; Treasurer, L. R. Renwick; Assistant secretary, H. Mackley; Secretary, R. Dickinson, Mawson & Proctor, Ltd., Low Friar Lane, Newcastle-on-Tync, 1.

#### TOPICAL REFLECTIONS

By Xrayser

#### A moving tale

It seems to me, looking back over the space of thirty years or thereabouts, that the Pharmaceutical Society has lived most of that time under the threat of finding itself homeless. I can recall a whistle-stop tour by a past-president some years before the war, aimed at raising a fund to provide a headquarters worthy of our Society. There have been many changes in the intervening years, in the course of which the new building changed hands on, we were assured, advantageous terms. Meanwhile the Building Fund has remained as a benevolent uncle that could be relied upon to advance pecuniary assistance—in the form of a loan—whenever financial embarrassment of a temporary nature threatened. Now, according to the announcement on p. 466, the threat of eviction has come closer, and the finding of a new home has become a matter of urgency. The Council may be sure—as they say—that members will share their feelings of regret that the Society is to be compelled to sever its long and historic association with Bloomsbury Square, the more particularly in the light of the truly magnificent alterations that have been undertaken in recent years and are only now completed. The statement will have come as an unpleasant surprise to members, for much has been made of the need for making a headquarters worthy of a learned profession, and illustrations have been published showing the magnificent Council room, and other accommodation of equal opulence. The question uppermost in the minds of members must be why reconstruction on such a lavish scale was proceeded with on the slender basis that proposed redevelopment of the site for a National Library might, like other Government schemes of its kind, never be proceeded with. Recovery of the costs of the alterations to the premises which, we are assured, is taken care of, does not seem to me to justify creating only to destroy. The Council's statement attempts to minimise what must appear to many to be a catalogue of errors of judgment.

#### Extension of burden

I have no doubt that, with their customary caution and sense of responsibility, pharmacists have been giving effect to most of the provisions contained in the new Poisons List Order since first they were laid before Parliament in December 1963. Indeed, the knowledge of the therapeutic action of many of the drugs now scheduled has led most pharmacists to anticipate their eventual destination by treating them with the respect that is their due, and demanding evidence in the form of a prescription in support of any demand by the public. The greatest difficulty at first sight appears to lie in the problem of informing quiet and respectable old ladies that the chloral-hydrate mixtures they have indulged in—apparently without harm ---for ten or twenty years are no longer to be repeated for the asking. The situation is not new for the pharmacist but, as in many other matters, he is the first to arouse public displeasure, since his is the unpleasant task of breaking the news and attempting to placate those who, by their attitude, appear to consider that his main purpose in life is to be disobliging. I hope that doctors will be left in no doubt as to the substances covered by the legislation and that opportunity will be taken to remind them of the provisions of the Act relating to the writing of prescriptions under Schedule 4. The duties of the pharmacist are sufficiently heavy without his having to instruct the doctor in the requirements of the Act.

#### Peter Pans

I have no doubt that by now most of the votes for candidates for election to the Pharmaceutical Society's Council will have been cast and that the news of the impending departure from Bloomsbury Square will not affect the result. On looking at the photographs of candidates in last week's pages, I am struck once more by their youthful appearance. Whether that is merely because they are pharmacists and happy in their lot, or because I myself am now in the sere and yellow, I know not. But even those who qualified as long ago as 1919 appear to alter but little with the years. I envy them their appearance of perennial youth.

#### Franco-British Pharmaceutical Congress

#### DIJON DISCUSSIONS ON HOW TO KEEP UP TO DATE

ALMOST eighty French and British pharmacists attended the formal session of the Franco-British Pharmaceutical Congress at Dijon, May 8-11, to discuss problems of keeping up to date in pharmacy. Dr. H. S. BEAN (reader in pharmaceutics, Chelsea College of Science and Technology), presenting a paper on the subject, described himself as an "impostor," not being a practising pharmacist. The practising pharmacist, he said, was probably one of the hardest working members of the community. The changing pattern of the merchandise he sold and the prescriptions he dispensed ensured a continual flow of new interests. During the past decade pharmacy, and particularly the development of new drugs, new formulations and new packagings, had progressed at a faster rate than ever before.

#### More Complex Ingredients

The active ingredients of medicines today were often chemically and physically complex, potent and specific, and, in wrong or unknowledgeable hands, dangerous. Even in the most expert hands they unfortunately produced hitherto unknown and unsuspected side reactions or pharmacological incompatibilities. For almost any single clinical condition there were available a multiplicity of drugs. Often they were variations on one basic organic theme, every manufac-turer claiming a particular advantage for his own product. The real differences between the many variations of a basic structure were often marginal. Was it therefore surprising that there was an increasing tendency for the medical practitioner to seek the advice of the pharmaceutical practitioner?

The pharmacist's problem was how to maintain his knowledge of newly developed drugs with incomprehensible names, to understand the interaction between formulations and potency or side effects, next to understand new treatments and techniques of admini-stration, and to respect the demands of his professional conscience.

Keeping up to date cost time and energy, entailing the regular and systematic scanning of the literature. Every member of the Pharmaceutical Society had the Pharmaceutical Journal delivered to him weekly, the Chemist and Druggist was read weekly by about ,13,000 pharmacists. Both journals provided additional services. Specialist groups of pharmacists such as the hospital pharmacists produced their own journals, and most pharma-ceutical manufacturers issued reviews of clinical conditions and medicaments available for their treatment. In addition, manufacturers produced bro-chures describing their own specialities, and sometimes they had to be interpreted with care. The Society maintained an excellent library of 34,000 volumes from which members borrowed, usually by post, more than 9,000 volumes annually (about forty

each working day). The library also contained more than 8,000 pamphlets and regularly received about 320 journals.

Those interested in technical matters now had an excellent medium in International Pharmaceutical Abstracts published fortnightly by the American Society of Hospital Pharmacists. Excellent review articles also appeared in the Journal of Pharmacy and Pharmacology and the Journal of Pharma-ceutical Sciences. The latter, though published by the American Pharmaceutical Association, was readily available to subscribers in the United Kingdom. A new British venture, Advances in Pharmaceutical Sciences, to be placed on the market in a few weeks, would be published approximately annually, providing reviews in depth on selected pharmaceutical topics.

Collectively, the sources referred to provided the most professional practising or hospital pharmacist with all he needed for keeping up to date his knowledge of pharmaceutical developments. There were, however, those who liked to spend part of their off-duty hours or leisure time away from their place of work or in the company of colleagues. They, too, were well pro-

vided for in Britain.

Dr. Bean then referred to activities of the Branches of the Pharmaceutical Society and the British Pharmaceutical Conference in keeping members up to The schools of pharmacy had also tried to play their part by providing courses of evening lectures for pharmacists. The facts showed that the pharmacist would subscribe to journals or attend lectures that provided material in which he was interested or which he thought would help him in his professional career. The difficulty might be to find enough specialist authors.

#### French Aspects

M. PIERRE BARDOU (president of the regional council of the Ordre de Phar-macie in Dijon), in a paper on parallel French aspects, referred to modern chemotherapy.

It was no exaggeration to say that every day brought its new product, manifested by the appearance of perhaps several new specialities. The development of medicaments was determining the evolution of the practice of pharmacy in pharmacies. There was also developing a new kind of biology that would permit the identification or confirmation of a diagnosis and the control of the use of a medicament.

The Council of the Ordre had made representations to manufacturers inviting them to provide, at the launching of a new speciality, succinct information about formula, properties, administration and dose, conditions for use, contra-indications and the formulations available. That enabled a regular distribution to every member of the Ordre of information cards.

The unions — whether regional or national — endeavoured to keep their

members informed on such questions as pharmaceutical techniques, dietetics, dermopharmacy, pharmacology, biology and so on. They also aimed at circularising information on the relations between the pharmacist and the public (health education, legal obligations) whether on a legal or fiscal basis.

The U.T.I. (Unions Techniques Intersyndicales) also published informa-tion on techniques relating to extem-poraneous manufacture. They further covered the fitting out of a pharmacy and dealt with every branch of the profession. They had often published details about the main therapeutic groups under the title Actualités pharmaceutiques, which were in effect post-graduate courses. Pharmacist directors of firms were grouped in an association known as Apdila, which published reviews and technical tables. The other principal means of communication were the Journées pharmaceutiques held annually in the Faculty of Pharmacy in Paris. The Journées had each a theme (such as corticosteroids, aminoacids and in 1963 the sulphonamides). Industry also took part and displayed its products.

#### Social Insurance

Ninety per cent. of the French population were insured against sickness through Sécurité sociale. For a large part of the remainder, cover was provided by friendly societies which often repaid to their members any charges payable by them under Sécurité sociale. The pharmacist had to provide for such bodies a whole variety of financial documents, bills, vouchers and so on, imposing the need for an

accounting organisation.

M. DELALANDE asked how anybody M. DELALANDE asked how anybody over fifty years of age could hope to keep up-to-date. Perhaps publications like the *Reader's Digest* would be the answer. M. DAVID said the difficulty was lack of time. Team-work was the only hope. The team should include the printer of the pr chemists, doctors, veterinary surgeons and all allied professions. MLLE. ROCHE, who said she had spent seventeen years in retail pharmacy, seven in the laboratory, and was now in industry, thought there was not enough co-operation among French pharmacists. Could that also be true of Great Britain? Mr. W. J. TRISTRAM considered both speakers had faced realities. It was necessary for pharmacists to know all about new drugs, and manufacturing chemists must provide information which those in retail practice must read. Would the pharmacists' whole job become the distribution of information to the medical profession? MRS. BROCKLEHURST suggested it was time to go back to pure pharmacy. Only then could pharmacists hope to be able to cope both mentally and physically with the various problems.

M. Morice said even the younger people fell behind after five years. He thought that British post-graduate courses were better than those in France, offering a challenge to French

colleges to increase their courses. MR. GRAINGER said hospital pharmacy responsibilities could be divided into groups (dealing with sterile preparations, formulation, documentation, and dispensing). The pharmacist working alone in the smaller hospital would find most difficulty. Critical papers were needed to "debunk" extravagant claims by manufacturers. It was important that documentation should enable pharmacists to obtain the facts when wanted. He commended to French pharmacists the tape recording of lectures and the preparation of slides, and suggested that pharmacists in Britain and France should study

each other's conferences.

PROFESSOR GUILLOT spoke of difficulties caused by the divergent approaches of doctor and pharmacist. SIR HUGH LINSTEAD detected an air of despair about the difficulty of keeping up to date. It was necessary to use the new drugs as they appeared, but the pharmacist's problem was whether he should act as a professional man or merely as distributor. That he must decide for himself. Far too few pharmacists in Great Britain took medical journals. Nevertheless the pharmacist's place was not in his dispensary but at the counter in contact with doctors and patients. MR. ALLEN ALDINGTON thought it was easy to keep up to date by using a proper filing system. Too few pharmacists took advantage of post-graduate courses. Did French pharmacists really need analytical laboratories, and were they used?

#### Sorcery in Control

MR. LEWIS SMITH did not think the problem was complicated: straightforward articles were required on pharmaceutical subjects. Sorcery, not pharmacy, was in control, "with the sales manager as the boss." Too many coloured capsules contained the same basic drug. MR. KENNETH HOLLAND, though "imprisoned in an office," had the same problem as the practising pharmacist. Might not television, with diagrams and good lecturers, be used?

MR. C. W. ROBINSON said that in the

MR. C. W. ROBINSON said that in the Liverpool area a number of branches collaborated in arranging technological evenings, attended predominantly by retailers.

M. MONET reported that local postgraduate courses in France had had small audiences, and M. ARNAL considered it essential to remain in contact with the pharmacy schools. The diploma was only the beginning of a professional career. Refresher courses were necessary, and the Ordre provided written courses with lecture notes. M. BARDOU said it was essential for the pharmacist to know not only the medical use and the dosage of a compound but also its toxicity and any antidotes. He also pointed out that the French pharmacy laboratories were concerned with biological assays, not analytical ones. M. HOURTICQ said there was no hope of a moratorium on new drugs. The need was perhaps for a "general staff" thinking five, ten or fifteen years ahead. That was a problem for consideration at both the French and British pharmaceutical

headquarters.

#### SCOTTISH DEPARTMENT

#### Executive report for 1963-64

THE number of members of the Pharmaceutical Society resident in Scotland is 2,801, which is twenty-three less than in 1962-63, states the annual report of the Executive of the Scottish Department for 1963-64. The report includes a reference to the proposal by the Scottish Health Department to introduce under the N.H.S. a drug testing scheme in Scotland. The Executive and the Pharmaceutical Standing Committee (Scotland) have submitted proposals to the Department. The Executive has suggested that the sampling should be done by the Society's Inspector and that the analyses should be done by analysts employed by the Society. One meeting has been held with the Department to discuss the proposals, and the negotiations are continuing.

The Executive has also considered the provision of a pharmaceutical service in rural areas where an existing pharmacy has closed down with resultant inconvenience and perhaps hardship to the residents. Sometimes a neighbouring pharmacist has set up "a collecting centre in the village from which prescriptions are transferred to the pharmacy for dispensing and subsequent return to the collecting centre for distribution to the patients. In most cases such arrangements have been made privately and have not always been acceptable to the Pharma-

ceutical Society, and once such a scheme has been instituted, it is difficult to alter it without producing resentment from one or other of the participants. With the approval of the Council, the Executive has set up a committee to deal with these cases in Scotland before any unauthorised scheme is started, and the recommendations of the Report on the General Practice of Pharmacy Committee, paragraph 46, will be borne in mind in each case. It is hoped that no scheme for setting up a collection and delivery service will be instituted without the approval of the Executive."

The change in examination regulations whereby practical examinations were held in the colleges instead of at 36 York Place, has meant that the laboratories will shortly no longer be required for examination purposes. The Department of Pharmaceutical Sciences being in need of additional accommodation, it has been arranged that the pharmaceutics division of the Department will transfer from London to Edinburgh in the summer.

The accounts for 1963 show a total expenditure of £17,929 15s. 0d. as compared with £17,653 11s. 0d. in 1962. The examination expenses amounted to £6,408 7s. 5d., as compared with the total of £7,685 19s. 2d. in 1962.

#### IN PARLIAMENT

#### By a Member of the Press Gallery, House of Commons

TWO White Papers (Cmnd. 2320: The European Agreement on the Exchanges of Blood-grouping Reagents, and Cmnd. 2321: The European Agreement on the Exchange of Therapeutic Substances of Human Origin) have been published. Neither has yet been ratified by the United Kingdom.

#### National Health Service Charges

MR, A. LEWIS asked the Minister of Health whether he would publish the total annual receipts for prescription and other health charges in each of the years from 1951 to date. The following were taken from the figures supplied by Mr. Anthony Barber (Minister of Health) and refer to England and Wales:—Pharmaceutical services receipts (in £ millions) 1952-53, 4·8; 1953-54, 6·7; 1954-55, 6·3; 1955-56, 7·0; 1956-57, 7·9; 1957-58, 11·1; 1958-59, 10·9; 1959-60, 11·4; 1960-61, 11·9; 1961-62, 20·1; 1962-63, 20·3; 1963-64 (estimated) 21·8.

#### Animal Diets

MISS QUENNELL asked the Minister of Health about the possible effects upon the consumer of the various non-nutritive substances introduced into the diets of animals. MR. BRAINE replied "none," but the Minister of Agriculture and Fisheries was advised on such matters by expert committees. MISS QUENNELL suggested that the Ministry of Health might helpfully advise the Minister of Agriculture that many of the substances in use, such as pesticides, had unforeseen side effects which had they been anticipated would have

saved much distress. MR. BRAINE agreed that might be the case but non-nutritive substances were "liable to be considered under the Veterinary Products Safety Precautions Scheme."

#### Synthetic Detergents

MR. Joseph Harper, on April 21. asked the Minister of Housing and Local Government when he expected to receive the seventh report of the Standing Technical Committee on synthetic detergents. Mr. Corfield (Parliamentary Secretary) said "by the end of July." He added that a very considerable amount of technical progress had been made. The introduction of soft-based detergents had reduced disposal trouble by about 50 per cent. and further experiments were going on. There were signs that even softer bases could be produced. The response of the manufacturing industry had been such that something like 70 per cent. of the total supply was now on the soft-based detergents. Mr. Harper had asked him to bring in legislation to compcl manufacturers to use a soft-based material.

#### Health Centres

Replying to a question by MR. A. C. MANUEL on the location and number of health centres provided in Scotland since the passing of the National Health Service (Scotland) Act, MR. NOBLE, on April 29, said there were three located in the Sighthill district of Edinburgh, in Stranraer and in Cumbernauld. The centres were experimental types. When he was pressed to

say if he had prepared any scheme for future health centres, Mr. Noble said that "We should move only as fast as there is obvious agreement on the need for them between local health authorities and the public.

#### Sheep Dins

SIR JAMES DUNCAN asked the Secretary of State for Scotland if he would give an assurance that the existing sheep dips would be available until an equally efficient dip was discovered which did not involve extra expense to sheep farmers and gave equal protection against suffering by sheep. MICHAEL NOBLE in a written answer on April 29 said "No. The Government have accepted that certain uses of aldrin and dieldrin should be brought to an end with the least possible delay. Indefinite postponement of the withdrawal of sheep dips containing these poisons would not accord with this aim.

#### **Prescription Charges**

Mr. L. Spriggs asked the Minister of Health on April 20, what representa-tions he had received about the need to abolish prescription charges, and what action he proposed to take. Mr. BARBER said that during 1963, such representations were received from five organisations and forty-eight individuals. remained of the view that the net sum yielded after hardship cases had been met was better devoted to the development of the Service than to the abolition of the charges. Mr. K. Robinson intervened and asked: "Are you aware that the next Labour Government will abolish prescription charges without making cuts anywhere in the Service to make up for the costs of their abolition?"

#### **Lung Cancer**

MR. BERNARD BRAINE (Parliamentary Secretary, Ministry of Health) told MR. J. A. LEAVEY that there had been 800 more deaths from lung cancer in Great Britain in 1963 than in 1962. The annual number of deaths from cancer were now more than 27,000, which meant that nearly four times as many people died each year from lung cancer as from road acci-

#### **Drug Addicts**

SIR MYER GALPERN asked the Home Secretary if imigrants and visitors to Great Britain who could establish that they were drug addicts and required a regular supply of drugs for their physical and mental well-being were entitled to be placed on the register for such a supply, and how many people in those categories were on the register in England and Wales. He also repeated the question in respect of immigrants and visitors to Scotland. Mr. Wood-HOUSE, in a written reply on May 4, stated there was no system of registering drug addicts in the United Kingdom entitling them to a supply of drugs. The prescription of drugs for an individual addict was a matter for his own doctor. The Home Office kept a list of known addicts, which at the present included seventy-four immigrants and twelve visitors who were receiving on prescription from a doctor drugs which were controlled under the Dangerous Drugs Act. None of those addicts were resident in Wales or Scot-

#### Pesticide Residues

MRS. J. BUTLER, on May 7, asked the Secretary for Education and Science if he would ask the Medical Research Council to examine the extent and significance of residues of pesticides in the human body and to report at an early date.

SIR E. BOYLE (Minister of State, Education and Science) replied "Investigations of the extent to which residues of posticides may be found in the human body are being undertaken by the Ministry of Health in collaboration with the Laboratory of the Government Chemist to provide information for the Government's Advisory Committee on Poisonous Substances used in Agriculture and Food Storage. The M.R.C. are represented on this Committee and its Scientific Subcommittee and will be in a position to evaluate the significance of the find-MRS. BUTLER asked the Home Secretary if the report of the Poisons Board on the use of fluoroacetamide as a rat poison had now been received

and what action he proposed to take. Mr. H. Brooke (Home Secretary) said the Poisons Board had not been asked for further advice about the use of the substance. The Minister of Agriculture had asked his Advisory Committee on Poisonous Substances used in Agriculture to review its use as a rodenticide. The Committee recommended that the use of fluoro-The Committee acetamide for that purpose should be restricted to ships and sewers. recommendation had been accepted and the Minister was making arrangements to put it into effect. No amend-ment to the Poisons Rules would be necessary.

#### Pharmacy Bill

The Pharmacy Bill was given a third reading on May 8 and passed.

#### Centrally Purchased Drugs

SIR. J. ARBUTHNOT asked the Minister of Health on May 8 about each of the five patented drugs being imported under the new Health Service hospital contracts. He wanted to know what stages of the total manufacturing and packaging operation, from production of the basic material to the packaging of the drugs in their finished form, were carried out abroad and what stages in the U.K.; what inspections had been made of the facilities of each of the manufacturing and packaging concerns involved, both in the U.K. and abroad, by officials of his department, and what approvals

had been given.
MR. BRAINE: "The basic ingredients of all five drugs are manufactured abroad. Tablets and capsules of tetracycline, oxytetracycline and chloramphenicol are made abroad, and those of chlortetracycline and chlorothiazide in the United Kingdom. Some packaging is carried out abroad and some in the United Kingdom. All some in the United Kingdom. All processes whether abroad or in the United Kingdom have been inspected and approved on behalf of the Minister.

#### Resale Prices Bill

The Resale Prices Bill was again considered on May 12. Mr. WILLIAM WELLS moved amendments to take patented goods outside clause 1 of the Bill. He said the main purpose of the amendments was to "obtain some insight into the Government's philosophy on the question of patented goods.

MR. E. HEATH (Minister for Industry and Trade) said that if the amendment were followed it would be lawful to continue resale price maintenance in respect of patented goods.

There was no greater case for preserving resale price maintenance in respect of those articles than there was for any other goods. The Government were firmly opposed to making any

such exemption.

There was a relationship between the patentee's monopoly and resale price maintenance in that the patentee was entitled to prevent other people from selling the patented goods except by his licence. The courts had held that the patentee could impose conditions in granting licences to other people to sell patented goods. Those conditions could include the resale price of the goods. But the patentee did not need to impose resale price maintenance to secure his financial reward in the exploitation of his patent. He could keep his monopoly and fix his own selling prices or he could license another producer to manufacture the patented articles on a related basis.

The amendment was withdrawn.

#### LEGAL REPORTS

#### Stole Morphine

PROCESS worker, John Donald MacKenzie, who was alleged to have supplied a "Mr. X" with "enough morsupplied a "Mr. X" with "enough morphine for 4,000 drug addicts," admitted at Edinburgh sheriff court on April 21 to stealing 2 lb. of morphine from the Blandfield Chemical Works, Wheatfield Road, Edinburgh, The sheriff-substitute was told that "Mr. X is awaiting trial." MacKenzie, who admitted supplying the morphine to another person, was jailed for one year. The Procurator-Fiscal said the police learned early in March that there was a person in Edinburgh seeking a buyer for a drug or drugs. The person offering the drug was contacted; he had on him 2 lb. of morphine base which had been stolen from a firm of manufacturing chemists in Edinburgh. "Mr. X," said the Procurator Fiscal, intended to peddle the drug at a price of £800. "In London a quantity such as this might have brought between £1,200 and £2,000. Manufacturers value it at £40, how-A solicitor for MacKenzie, said his client was "up to the ears in debt" and separated from his wife. He was and separated from his wife. He was paying his wife alimony and he had fallen into arrears with his payments. MacKenzie had not been in trouble before and was not familiar with the drug. MacKenzie had told him that drug. MacKenzie had told nim that "Mr. X" had asked him if he had anything which could be turned into money.

#### WHOLESALER AWARDED COSTS

#### Pharmaceutical Society's action fails

IN a reserved judgment on May 11 the North London magistrate dismissed five summonses brought against Sangers, Ltd., 253 Euston Road, London, N.W.1, under Section I8 (I) (a) (1) of the Pharmacy and Poisons Act. 1933. Dismissing the summonses, he awarded the defendant company £52 10s. costs against the Pharmaceutical Society of Great Britain, on whose information the prosecution had been brought. The summonses alleged that, on five separate dates, the company, not being an authorised seller of poisons, had sold a poison contained in Part I of the Second Schedule of the Poisons List Order, 1962—namely, dexamphetamine sulphate—a salt of beta-aminopropyl benzene—contained in a substance known as Dexedrine tablets.

#### Of the Highest Repute

At the first hearing, counsel for the Society described the company as "one of the highest repute," and said he was instructed to say that, if the court found an offence had been committed, then it had been committed through ignorance.

Evidence was heard purporting to show that the defendant company had made the sales to a firm carrying on business as a drug store, and not registered as an authorised seller of poisons.

Counsel for the defence had submitted that, under the Act, an "authorised seller" was a registered pharmacist, and unless one carried on business of selling by retail, as well as being a wholesaler, one could not qualify as being an authorised seller of poisons.

In his judgment the magistrate said the summonses were brought under Section 18 (1) (a) (1) of the Pharmacy and Poisons Act, 1933, for selling certain drugs not being an authorised seller of poisons within the meaning of Section 8, 9 or 10 of the Statute. Sections 8, 9 and 10 primarily dealt with the case of retail sellers. Then one had to look at Section 20 of the Act, which laid down "except as provided by the rules nothing of the foregoing provisions to this part of the Act shall extend or interfere with the sale of poisons by way of wholesale dealing." One had further to look at the interpretation section — Section 29, where one saw that wholesale dealing was defined as "sale for the purpose of selling again."

Therefore it looked, on the face of it, as if a sale by a wholesaler to a retailer could not be covered by Section 18 (1) of the Act. Counsel for the Society had argued strongly that "for the purpose of selling again" must mean for the purpose of selling again

lawfully.

"He drew a gruesome picture otherwise of wholesalers, though surely not these wholesalers—selling to street corner boys in Soho every sort of Part I or Part 2 poison, for the purpose of the corner boys or drug pedlars, making large fortunes. He said, rightly, that if that was the law, it would be a very bad law."

But, if one looked at Section 18, subsection 2, of the Act, one found there

were pretty stringent provisions covering the circumstances in which poisons could be sold to a buyer. In other words, subsection I primarily dealt with the seller qua seller. Subsection 2 dealt with the relationship between the seller and the buyer. Society's counsel argued that the exemptions in Sections 20 and 29 covered the whole of section 18 (I) and (2) and they were under the same umbrella. He contended that if a person is allowed to sell within the meaning of subsection I, he was also allowed to sell under subsection 2—and that, said defence counsel, was really the whole point of the case. If one looked further at the rules made for the interpretation of the statute, he thought one came to the answer. While, under Rule 7, it said nothing about subsection (I) which primarily dealt with who was allowed to sell, and which exempted wholesalers from the general application of the Act. Rule 7 (I) laid down that the provisions of subsection (2) of Section 18, should apply to sales exempted by Section 20.

"In other words, wholesalers who are covered by, or protected by, the first section of Section 18 are not protected by the second subsection," said defence counsel. "The mischief so gravely feared by the Society's counsel, as to what would happen if wholesalers were held not to be covered by Section 18, are specifically catered for by these

rules.

"I therefore find that, whether or not the company could have been properly prosecuted under subsection (2)—and I am not for a moment saying they could — they cannot be successfully prosecuted under subsection (1). Therefore the prosecution fails and the summonses are dismissed." The magistrate added that there had been a point of law which he had decided against the prosecution, and it was clearly right that the defendants should have reasonable costs incurred as the defence was successful, and therefore he awarded £52 10s. costs.

Counsel for the Pharmaceutical Society indicated that the prosecution might ask the magistrate to state a case for appeal.

#### **COMPANY NEWS**

Previous year's figures in parentheses

PULLIN OPTICAL CO., LTD.—Mr. M. Hinckley (general sales manager) has been promoted sales director.

KELDON, LTD.—Mr. S. F. Copson (sales and marketing manager), has been appointed to the board of the company.

CYANAMID D.H.A. PTY., Australia.—Dividend for 1963 is 15 per cent. Profit, £A268,257 (loss £A98,000).

W. W. HAFFENDEN. LTD.—Mr. M. M. Sellers has been appointed assistant managing director.

UNITED STATES BORAX & CHEMICAL CORPORATION.—Sales for the quarter ended March 31 increased to \$24,287,631, gainst \$21,529,522, and net income after taxes was \$2.476,017 (\$1,819.880).

PLANT PROTECTION, LTD.—Mr. R. A. Hamilton has been appointed chairman of the company. Mr. Hamilton is also a deputy chairman of Imperial Chemical Industries, Ltd's., agricultural division,

UPJOHN CO., Kalamazoo, Michigan, U.S.A.—Net sales at £18·1 millions increased by 6·8 per cent. in the first three months of 1964 compared with the same period in 1963. Earnings for the quarter of £2·4 millions were up by 4·4 per cent.

FARBWERKE HOECHST, A.G., Germany.—The company are making an offer for the shares of Chemischewerke Albert on the basis of a three-for-two share exchange. Albert have an equity of DM20-7 millions, most of it held by the Albert family.

THE advertising agencies of Colman Prentis and Varley, Ltd., London, and Kenyon & Eckhardt, Inc., New York, are exchanging minority interests and collaborating in markets throughout the world. No question of a take-over by either company is involved.

ASHE CHEMICAL, LTD. — Group profit for 1963 after all charges including taxation was £74,137 (£59,167); United Kingdom taxation charged was £74,465 (£67,034). Ordinary dividend proposed for year is 25 per cent. (21 per cent.) including a final of 18 per cent. (16 per cent.). A one-for-ten free scrip issue is proposed.

ELI LILLY & CO., LTD.—Mr. F. McNeice, M.P.S. (formerly marketing director), has been appointed director, export and home supply. He has been succeeded as director of marketing by Mr. J. M. Langston, a pharmacy graduate of Purdue University, who was previously director of marketing, Eli Lilly do Brazil Ltda.

CEREBOS, LTD.—Diversification of the group's activities is proceeding in a "satisfactory" manner, states Mr. L. H. McRobert (chairman) in his report for 1963. The subsidiary, Thawpit Co., is to concentrate all production in Manchester which has necessitated closing their High Wycombe factory. Sales of A. & R. Scott, Ltd. and Brand & Co., Ltd., were well maintained.

SCHERING, A.G., Berlin.—A dividend of 17 per cent. is proposed for 1963 (against 15 per cent.), as is a capital increase of DM17 millions to DM120 millions. Net profits for 1963 were DM17·85 millions (DM15·75 millions). The management states that the first few months of the current year have been satisfactory, with turnover above the corresponding period of last year.

MONTECATINI, S.p.A. — Invoiced turnover in 1963 was raised by 12 per cent. to 232,700 million lire "without however a corresponding economic advantage as a consequence of increased costs and virtually stationary selling prices," the board reports. The board says that "in spite of the difficulties of the moment" progress continued last year in modernising and expanding plants. New investments totalled about 70,000 million lire. It is proposed to transfer the whole of 1963 profit of 25,800 million lire to the amortisation fund. The previous year

19,000 million lire was allocated for amortisation.

STANLEY WESTON LTD.—The company is placing on the market 670,000 2s. shares at 6s. 3d. each. As a holding company it holds the whole of the issued capital of its three subsidiaries which trade as general wholesalers, retail chemists and credit traders. The wholesale activities accounted for just half of 1963 profits, the retail chemists with twenty-two shops contributed 46 per cent. and credit trading, 4 per cent. Group profits have moved up almost without a break from £14,294 ten years ago to £65,114 for 1963. The chemists' shops operate through R. Weston (Chemists), Ltd., incorporated in 1961 and has been built up by Mr. R. Weston, M.P.S., who began with one shop in Sheffield in 1955. By March 1963 the number had grown to seven when the company became associated with the other companies in the Weston group. Fifteen further pharmacies were subsequently acquired by the organisation including five owned by Harlow & Lawrence, Ltd., in June 1963.

#### **BUSINESS CHANGES**

KORAY, LTD., have removed to 185 Aldersgate Street, London, E.C.1 (telephone: Monarch 2079).

BOOTS, LTD., have opened a pharmacy at 86 East Street, Bedminster, Bristol, 3.

CULLINGFORD OF CHELSEA have removed to Lunt Avenue, Aintree, Liverpool, 10 (telephone: Aintree 9252).

MR. H. QUINCEY, F.P.S., 821 Christchurch Road, Boscombe, Bournemouth, Hants, has closed his pharmacy on retiring after thirty-nine years in business at that address.

D. P. PROSSER (CHEMISTS), LTD., have transferred to larger premises at Cambridge Road, Stansted, Essex, and have closed their Chapel Hill shop.

THE South-west regional offices of Bowater-Scott Corporation, Ltd., have removed to Dolphin House, Rocking-ham Road, Uxbridge, Middlesex (telephone: Uxbridge 35686). The sales manager of the region is Mr. T. V. Read.

THE group of companies including Prestested Products, Ltd., Wallace Laboratories, and Beacon Household Products, Ltd., are removing to Wear Bay Road, Folkestone, on May 19. At the same time, the name of Pretested Products, Ltd., is to be changed to Carter-Wallace, Ltd., and the consumer pharmaceuticals and toilet preparations of the company are to be marketed by a new division—Carteret Products, telephone Folkestone 55335. The telephone number of Wallace Laboratories will be Folkestone 55441 and for Beacon Household Products, Ltd., Folkestone 55467.

#### **Appointments**

CROOKES LABORATORIES, LTD., Park Royal, London, N.W.10, have appointed Dr. M. Branson, as statistician.

ELI LILLY INTERNATIONAL CORPORATION have appointed Mr.

E. L. Step director of marketing planning at their London office.

CYANAMID INTERNATIONAL division of American Cyanamid Co., have appointed Mr. J. J. Bassett their European director.

LAPORTE INDUSTRIES, LTD., have appointed Mr. E. W. M. Fawcett new projects adviser to the company. He will be based on New Bond Street House, New Bond Street, London, W.1.

BOOTS PURE DRUG CO., LTD., Nottingham, have appointed Dr. P. T. Main an assistant director of research and head of the company's biology division. Mr. A. P. Sutch, M.P.S., has been appointed the company's chemist sales manager.

EUCRYL, LTD., Oakley Road, Southampton, have appointed Mr. J. C. Folkes their representative for Bedfordshire, Huntingdonshire, Hertfordshire, Northamptonshire, Leicestershire, Cambridgeshire, Norfolk and Suffolk. Mr. Folkes replaces Mr. M. Beckett, who recently retired.

GENATOSAN, LTD., Loughborough, Leics, have appointed Mr. W. F. Merry their assistant sales manager. They have also appointed the following new representatives: Mr. R. H. Ellis (covering Wiltshire and parts of Bristol and Somerset); Mr. F. L. Featherby (North London); Mr. K. T. A. Manning (part of Birmingham, parts of Staffordshire and Shropshire); and Mr. M. J. Young (Sheffield and South Yorkshire).

WHIFFEN & SONS, LTD., announce the appointment of Mr. A. R. Green as business development manager of National Polychemicals, Inc., Wilmington, Mass, U.S.A. (subsidiary of Fisons, Ltd.). Mr. Green, who has been commercial executive for Messrs. Whiffen, moves to National Polychemicals with effect from June 1. As a result of the transfer, the following Whiffen appointments are also announced: Mr. T. James (home sales manager) has been appointed commercial executive; Mr. P. G. Smith (sales representative), home sales manager; and Mr. D. F. Brocklehurst (buyer) to be chief buyer.

#### **OVERSEAS VISITS**

MR. G. W. NOSOTTI (export director, Warner-Hudnut-Lambert group) left Britain on April 26 for a three-week tour of the company's markets in the Middle East. On his tour he will be visiting Cairo, Beirut, Kuwait, Baghdad and Teheran. Mr. Nosotti will be accompanied on part of his tour by Mr. Gallagher (divisional manager).

#### **PERSONALITIES**

MR. T. W. R. SMITH, Southern area representative for Thomas Morson & Son, Ltd., since 1956, completed fifty years of uninterrupted service with the company on May 9. To mark the occasion, Mr. E. T. Browne (company chairman) recently presented Mr. Smith with a fifty-year service pin and Mr. Geoffrey Morson (managing director) presented him with a gold watch.

MR. H. E. F. NOTTON, B.Sc., A.R.C.S., who joined Crookes Laboratories, Ltd., in December 1929, has re-

tired. Mr. Notton was chemist-in-charge of production at Messrs. Crookes during the 1939-45 war and in 1945 became head of the newly-formed pharmaceutical research department, a post which he retained until shortly before his retirement.

SIR ROBERT HARVEY is to become permanent vice-chairman of the management committee of the Printing, Packaging and Allied Trades Research Association succeeding Dr. F. C. Toy, who has just completed a three-year term as adviser to the chairman. Sir Robert, who is at present Deputy Director-General of the General Post Office, will be taking up his duties at the research association in the autmn shortly after retirement from the Civil Service.

MR. H. V. STOUT, chairman of H. Stout & Co., Ltd., manufacturers of thermometers, has been elected president of the Glass Manufacturers' Federation. At the age of 14 he was apprenticed to a clinical thermometer maker at a wage of sixpence per week for the first month. For the first three weeks, however, he received no wages at all, and thereafter regular payment of 5s. per week was uncertain, to say the least. Having served his apprenticeship at the age of 21 and finding himself out of work during the slump in the early twenties, he decided to go into business on his own account. In 1948 the company was formed into a private limited company and Mr. Stout purchased land at Redhill, Surrey, and built a new factory there in 1953.

**Locally Elected** 

THE following pharmacists are among the successful candidates at local elections held recently:—Edinburgh town council, Messrs. George Hedderwick and Leonard A. Bailey (both re-elected). Mr. Hedderwick is a former senior bailie of the city and among the many offices he has held has been chairman of the health committee. He is a former chairman of the Edinburgh and South-eastern Scottish Branch of the Pharmaceutical Society. Mr. Bailey is managing director of Ethicon, Ltd.

Malmesbury borough council, Mr. D. S. Morse (a former mayor of

Malmesbury).

Saltash, Cornwall, borough council, Mr. C. E. Underhill (re-elected). Cirencester urban council, Mr. G. J. Brookes (director, Trinder &

Fortey, Ltd.), re-elected.

#### **MARRIAGES**

MOORE—WOLFGANG.—At Christ Church and St. Michael's church, Claughton, Birkenhead, Ches, on May 7, Keith Moore, Birkenhead, to Valerie Ann Wolfgang, M.P.S., Claughton.

#### **DEATHS**

TAYLOR.—On April 27, Mr. Charles Taylor, M.P.S., 95 City Road, Oakham, nr. Dudley, Worcs. Mr. Taylor qualified in 1924.

SCOTT. — On May 8, Mr. John Scott, M.P.S., Woodside, 16 Cloch Road, Gourock, Renfrews. Mr. Scott qualified in 1921.



We are pleased to announce that generous Summer Bonus terms are available for 'Tyrozets' Throat Lozenges for a limited period. Remember that the demand for 'Tyrozets' is brisk throughout the whole year—and order an adequate stock now, at these favourable terms:

Parcels of 6 dozen vials (normally invoiced at £6 0s 0d), £5 5s 0d. Larger quantities pro rata. Any number of parcels may be ordered.\*

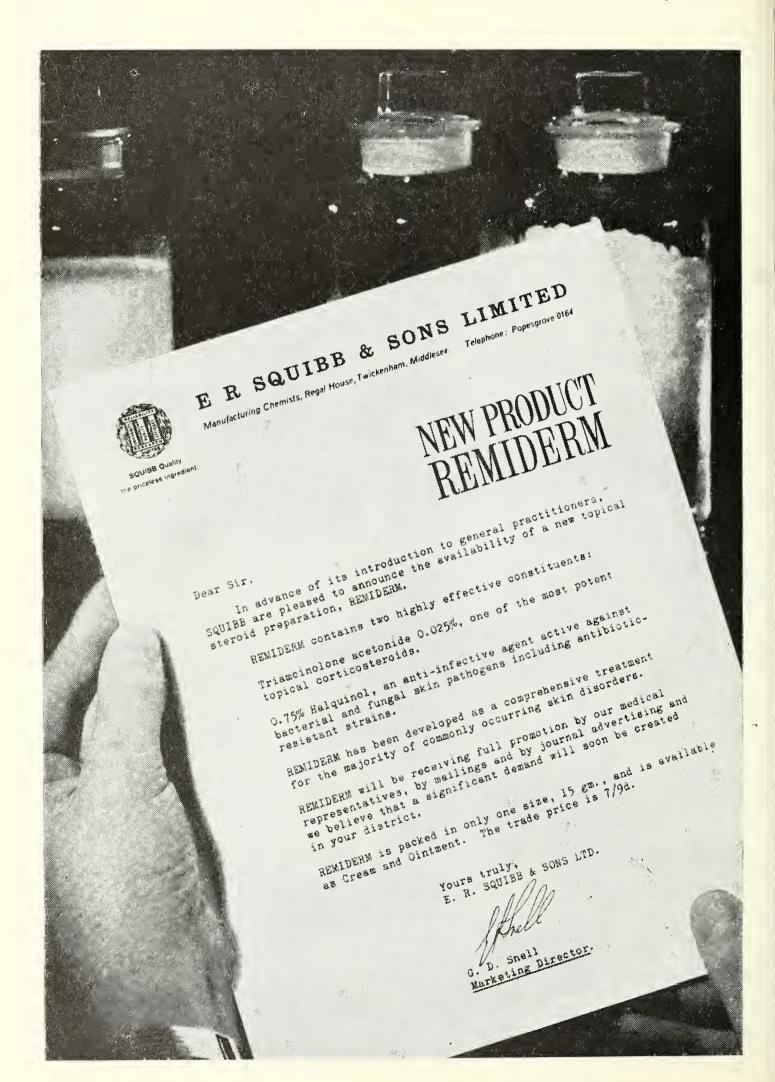
19 days only — May 4th to 22nd 'TYROZETS' Throat Lozenges



Tyrothricin 1 mg., benzocaine 5 mg. Retail price 2s 6d per vial of 12 (exempt p.t.). Supplied in counter display boxes of 12 vials.

\*Order direct from:

MERCK SHARP & DOHME LIMITED, HODDESDON, HERTS (Hoddesdon 4511)



#### NEW PRODUCTS AND PACKS

COSMETICS AND TOILETRIES

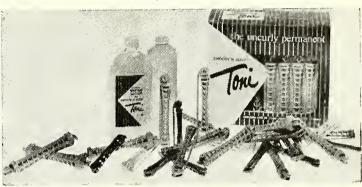
On an Agency Basis.—Taylor of London, an old-established "quality" perfumery house, have opened premises at 169 Sloane Street, London, S.W.1, and are supplying their products in redesigned bottles, with new labels and packs, on an exclusive-agency basis. The

SUNDRIES

Complete in Case.—A new addition to the Correna range of sunglasses offered by A. Corre & Son, Ltd., 30 Station Parade, Willesden Green, London, N.W.2, is the Charade with large protective lens supplied complete with case.

that enables one curler to be used for all sizes. Made of a flexible polyethylene, the Adjusto-curler is available in pink and turquoise colours. Each curler measures  $2\frac{3}{4} \times 5\frac{1}{4}$  in. A set of ten is issued in a clear vinyl envelope-type case for easy storage and convenience in travel, the complete set being encased in an illustrated display box (weight 4 oz.).





Above: New Smooth 'n Sleek Toni "uncurly permanent" of Toni Co., 100 Brompton Road, London, S.W.1. At left: Perfume range of Taylor of London, 169 Sloane Street, London, S.W.1.

company's business was based on its flower perfumes such as Gardenia, but the range also includes more sophisticated fragrances such as Chyprika.

Eye-pencil Refill.—An eye-pencil refill is now included in the Angel Face range of products of Chesebrough-Ponds, Ltd., Victoria Road, London, N.W.10. Colours are black, grey, blue and shades of brown.

Spray-tan for Dry Skin.—Dendron Distributors, Ltd., 94 Rickmansworth Road, Watford, Herts, have produced an "extra-soft" spray-tan which they describe as a sun-balm for dry skin. It has been designed to meet the needs of those who dislike an oil but wish both to tan and nourish the skin. It "prevents premature skin-ageing in the sun."

With Moisturiser. — A new suntan cream with built-in moisturiser is announced by Tropicana, 35A Bessborough Place, London, S.W.1. They claim that it provides a deep natural tan while preventing dryness through exposure to the sun. Pack is a tube issued in display outer of 1 doz. Sole agents for the United Kingdom are Thos. Christy & Co., Ltd., North Lane, Aldershot, Hants.

For Home Hairstyling.—Introduced "for the girl who wants to achieve a really professional result with her home hairstyling," Ascot metal combs in lightweight untarnishable metal are



offered in various sizes and a tail comb. The combs are mounted on a card in red, white and gold, holed at the top for hanging on the latest type of display unit. Makers are Robert Shaw & Co., Ltd., Ascot Road, Nottingham.

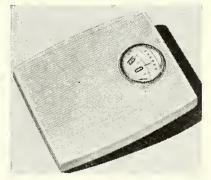
One Curler for All Sizes.—E. Herst (London), Ltd., 14 Clifford Street, London, W.1, are distributors of the Adjusto-culer, an American accessory

"Uncurly" Permanent Wave.-For some time the Toni Co., 100 Brompton Road, London, S.W.3, have been aware, they state, of a demand from the public for a home perm that gives both casual and lasting results. The call is for a hair style with a permanent curve rather than a curl. Though roller perms have done much to meet the need, state Messrs. Toni, the results obtained are more correctly described as semi-permanent than as permanent. To meet the new need the company is launching on June 1 a new product, Smooth 'n Sleek Toni, "the uncurly permanent." The kit contains twenty-four assorted curvers based on the established spin-curler design but larger in diameter, together with waving lotion, end tissues, neutraliser, instructions and a styling leaflet for smooth and sleek styles. A separate kit is available without curvers.

New Tissue Products. — Kimberly-Clark, Ltd., Larkfield, nr. Maidstone, Kent, are extending their Kleenex facial tissue colour range and introducing Delsey toilet tissue in a flat pack. The new colours of the facial tissues are soft blue and soft yellow, each available in regular 100 and 150 sizes. A pink coloured tissue is now available in the Kleenex pocket pack. The flat pack of Delsey soft toilet tissue is claimed the first for a brand leader. It is available in white, yellow, pink or soft blue in single pack and an "economy" pack of three. The pack has been designed to fit all flat pack holders available in the United Kingdom. The product has "cross-directional strength."

PERSONAL
WEIGHERS: Three
new models by Geo.
Salter & Co., Ltd.,
West Bromwich. The
Strand (left) has been
redesigned to give
greater sensitivity and
accuracy; the platform
has a waterproof mat
in a textured material
coloured black, blue or
pink with white base,
or white, blue or yellow
with black base. The
Mayfair (No. 2007) re-







with black base. The Mayfair (No. 207) replaces best-seller No. 206; the platform is encased in a self-coloured, ribbed PVC material, providing a resilient and easily cleaned surface. The Mayfair is available in black, blue, pink, or yellow. The Savoy (No. 204) has a Bri-nylon pile-covered platform in Chinese jade, Corinth rose, or maize yellow, contrasting with white base.

#### TRADE NOTES

"Twin-pack" Offer. — Abbott Laboratories, Ltd., Queenborough, Kent, are offering purchasers during May and June a free 1-oz. pack of Selsun with each 2-oz. bottle (see below).





Shampoo Free With Soap.—Cussons Sons & Co., Ltd., Kersal Vale, Manchester, are, for a limited period, giving a free sachet of Imperial Leather shampoo with each Imperial Leather giant bath soap. The retailer pays for the soap only. Soaps and shampoo are mounted on self-supporting counter or shelf display unit as shown above.

Received With Enthusiasm.—Inecto, Ltd., 27 Dover Street, London, W.1, report that their Hint of a Tint shampoo introduced just over a year ago, has achieved in that time sales twenty times more than the original target figures.

Price-down Period. — During the period May 1-June 30, Odo-Ro-No perfumed push-up stick is being retailed at threepence and Odo-Ro-No roll-on at sixpence below the usual prices. Makers are Chesebrough-Pond's, Ltd., Victoria Road, London, N.W.10.

Now in a Shorter Bottle.—To save an inch of headroom on dealers' shelves, J. & J. Colman, Ltd., Carrow Works, Norwich, are sending out their Robinson's lemon barley in a new glass bottle 1 in. shorter and 1 lb. per doz. less in weight than the one it replaces. Fluid content, strength and basic shape are unchanged.

Code Letters Dropped. — E. R. Squibb & Sons, Ltd., Regal House, Twickenham, Middlesex, announce that, from June 1 the suffixes "V" and

"F" in the names of their Mysteclin preparations are being deleted from all packs. No changes are being made in the formulation of those presentations and Mysteclin will continue to be available as capsules, tablets and syrup.

Free to Chemists.—Radiol Chemicals, Ltd., 78 Upper Richmond Road, London, S.W.15, point out that while their new veterinary publication "First in Fitness for Horse and Hound" is priced at 1s. 6d., a copy will be sent free to any chemist writing to the company,

Package Improved.—John Wyeth & Bro., Ltd., Taplow, Maidenhead, Berks, have improved the 16-oz. package of their S.M.A. powder. The tin is slightly smaller but without reduction of quantity or quality. The new tin also bears a revised feeding table in line with current thinking on infant nutrition. Future tins will also bear a column in the feeding table showing the baby's age in weeks, as an additional guide for the mother.

Whitsun Holidays.—While the London, Birmingham, Manchester and Glasgow branches of the pharmaceuticals division of IMPERIAL CHEMICAL INDUSTRIES, LTD., are closed on Whit Monday, the Grangemouth warehouse remains open.—A. WANDER, LTD., 42 Upper Grosvenor Street, Grosvenor Square, London, W.1, point out that, during the Whitsun holiday Wander pharmaceutical preparations will be available through John Bell & Croyden, Wigmore Street, London, W.1, and J. & W. C. Gaw, Belfast, Northern Ireland.

#### A SILVER JUBILEE

#### Unichem organisation holds celebration dinner

TO mark the silver jubilee of the Unichem organisation, about 840 members and friends attended a dinner in London on May 6. Guest speaker was Mr. J. Wright (secretary, National Pharmaceutical Union) who said it was a pleasure to propose the toast "The Unichem Association" since it had been founded by practising retail pharmacists for pharmacists, and because its affairs were controlled by pharmacists and would continue to be so controlled. Its aim and objects were truly those of the National Pharmaceutical Union. A recent meeting in tical Union. A recent meeting in Leeds attended by N.P.U. and Unichem members had been arranged, he said, because it was felt that the two could co-operate organisations many ways and cut out duplication of effort. Problems were inevitable because of differences between the organisations. The N.P.U. spoke for 12,000 members and, through its association with organisations in Ulster and Scotland, could often speak on behalf of pharmacists in those areas. Co-operation between the Union and Unichem would not affect arrangements in respect of N.P.U. sponsored products, for which increased demand had confirmed that the N.P.U. policy was the right one. A force of representatives calling on chemists in England and Wales, Scotland and Northern Ireland was essential. The long-term interest of the private pharmacist was best maintained by organisations best maintained by organisations sponsored and controlled by pharmacists.

Reminiscences

It was gratifying, said MR. E. SKUES in response, to hear of developing cooperation between Unichem and N.P.U. Mr. Skues related some of the early difficulties of the organisation. At one meeting in London a pharmacist had placed a £5 note on the table and challenged others to do likewise

in order to raise £30 for the initial ex-The authorised capital was penses. £1,000, and initially £680 was taken up, but the organisation had also the goodwill of its members. Before the annual meeting in 1940 he asked Mr. H. R. Edgecombe to sign the form to bring membership from ninety-nine to 100. Mr. Skues paid special tribute to some of the early supporters, many with prosperous businesses and no need for organised help. They had had ideals and were prepared to sup-port a cause they thought would benefit the craft. Of the original 100 members eighty still remained, and "if we have lost twenty we have added 2,600." Mr. Skues said that in 1959 the board of Unichem, Ltd., had generously presented to him his portrait in oils. He now asked the board to accept the portrait, which he said was now destined to find a permanent home in the board room of the organisation. He had also received a pestle and mortar dated 1649 and thought it might perform a useful function as a gong to bring board meetings to order. He therefore asked the board to accept it for that use.

Chairman Accepts

MR, T. H. CALE (chairman) accepting the portrait and the pestle and mortar, said they would remind the directors of the care and devotion of Mr. Skues to Unichem, and added "Your watchful eye will keep us in order." The growth of Unichem was equivalent to enrolling an average of two new members during every working week of the company's existence. Silver salvers were then presented to members of the board. During the evening members were entertained by a silver jubilee pageant, a musical commentary on Unichem under the title "Prescription for Pleasure" (written for the occasion by Stephen Marshall: music by Mrs. J. Aldington).

**Bonus Offers** 

ABBOTT LABORATORIES, LTD., Queen-borough, Kent. Selsun. Fourteen invoiced as twelve on order for one of two special parcels.

ALLEN & HANBURYS, LTD., Bethnal Green, London, E.2. First-step Haliborange: twelve invoiced as eleven on parcel of 4 doz. Atomol: twelve invoiced as eleven on parcel of 2 doz. Orders sent carriage paid.

CHESEBROUGH-POND'S, LTD., Victoria Road, London, N.W.10. Angel Face eye-pencil refill, powder eye shadow, mascara compact in eye make-up series and face powder. Twelve invoiced as eleven. Until June 30. Pond's lipsticks, "Wild Strawberry" and "Rose Champagne" shades. Twelve invoiced as ten, Until June 30.

DENDRON DISTRIBUTORS, LTD., 94 Rickmansworth Road, Watford, Herts. Spray-tan. Thirty-six assorted (twelve each non-greasy, moisturising and "super-soft") invoiced as thirty-two; eighteen invoiced as sixteen. Plus counter display stand. Till June 1.

WILLIAM FREEMAN & Co., LTD., Suba-Seal Works, Staincross, Barnsley, Yorks. Suba-Seal hot-water bottles. Extra 5 per cent. discount on orders placed before June 30 for delivery before December 31.

RADIOL CHEMICALS, LTD., 78 Upper Richmond Road, London, S.W.15. Extra 10 per cent. for display on order value £3 (exclusive of purchase tax) for any combination of Aspellin, Radian or Radiol products. Until June 30.

#### **Boosting Chemical Production at Nottingham**

#### NEW PLANTS FOR PERMANGANATE AND PHARMACEUTICALS

THE largest plant for the production of potassium permanganate in Western Europe and a £600,000 unit (the first stage of a five-year project costing nearly £3 millions), for the synthesis of pharmaceutical chemicals are now in full production at the Beeston and Nottingham works of Boots Pure Drug Co., Ltd.

#### Potassium Permanganate Plant

The idea behind the potassium permanganate plant took shape when Messrs. Boots decided to expand production of the chemical at Beeston; at the same time they naturally took advantage of the opportunity to improve and modernise their existing process. After an exchange of process data between them and Koninklijke Zwaveluurfabrieken v/h Ketjen, N.V., of Amsterdam (another large supplier of permanganate) it was decided that the new plant should adopt the early operational stages developed by Ketjen and the later stages used by Boots. In that way an overall continuous unit was built incorporating the best in design and process practice.

Design and constructional difficulties were aggravated because production had to be maintained during the changeover. It was also expedient to incorporate certain existing equipment in the new plant, in particular evaporators employed on recycle streams. As a result of the changes, however, production of permanganate has more than doubled the previous production potential. Simultaneously the process is cleaner to operate, manual handling is avoided, safety is improved and control

made easier.

The manufacturing process employed begins with pyrolusite (crude manganese dioxide), which is crushed and ground to a fine powder in a continuous mill. The ground ore is suspended in strong potassium hydroxide solution and heated in a continuous kiln developed by Ketjen. Water is removed by evaporation in the kiln and conver-

sion to manganate occurs. The solid spills to a second continuous kiln where by oxidation, a high level of conversion to potassium manganate is completed.

The reacted roast from the sccond kiln then spills to one of two dissolving tanks pre-charged with diluted potassium hydroxide, so as to effect precise continuous dissolving. The dissolved potassium manganate passes to a continuous thickener where insoluble contamination is taken off as underflow for coagulation, filtration and washing on continuous rotary vacuum filters prior to being discharged. The mother and wash liquors are returned to the process.

The clarified potassium manganate solution is taken as a continuous over-flow from the thickener and is fed to a set of continuous multistaged cascade electrolytic oxidation cells with interstage product crystallisation and separation. The electrolysis cells employ nickel anodes and mild steel cathodes, the design of which was developed by Boots technical department. D.C. current is supplied by a germanium rectifier, the current flowing in series through the cascade cell banks.

#### Crystallisation and Separation

Crystallisation and separation for the first stages is accomplished in continuous vacuum evaporative concentration/crystallisers designed and supplied by Power Gas Corporation and, for the final stage, a multi-stage plate cooler is employed.

The separated product is afterwards thickened, extracted and washed by means of a continuous basket centrifuge, and then transferred automatically

to a continuous dryer.

By careful control of stream concentrations and careful manoeuvre of recycling, highly selective crystallisation of the product is accomplished which largely cuts out any need for additional purification. This is an essential feature of the plant and is only accomplished by means of precise control, facilitated by continuous operation.

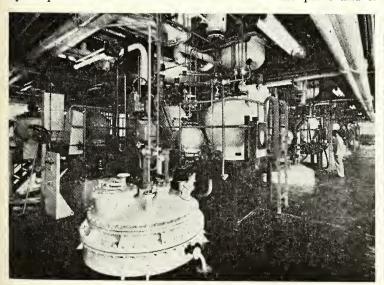
#### Pharmaceutical Chemical Plant

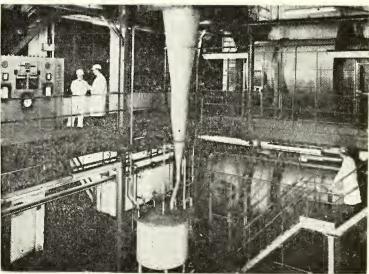
The new plant for the production of pharmaceutical chemicals is situated in Island Street on a site which is still in process of development. Production began in July 1963 and has since been stepped up so much that it is now worked by shifts on six days a week. A feature of the new unit is its flexible design whereby twenty-four main reaction vessels can be connected together through fixed or flexible pipes to form complex units capable of performing operations such as mixing, refluxing, distillation and crystallisation.

The ground-floor area of the production block is 150 x 60 ft. while another block, 60 x 60 ft., contains stockrooms, lift, offices, control laboratory and plant rooms, on three floors. The reactor vessels, glass-lined or of stainless steel, vary from 150 gall. to 1,000 gall. capacity. It has been the aim to provide the full range of services to every reactor, and all services are in fixed steel lines, suitably colour-coded and lagged. Rapid changeover from one service to another, without the danger of intermingling, is made possible by means of interlocking four-way valve systems, while to provide the maximum flexibility, the grouping of vessels is made, whenever possible, by corrugated, fully-embedded rubber hose. Special equipment includes a stainless steel solvent recovery unit.

The necessity to get a new pharmaceutical preparation on to the market quickly once it has passed all the required safety tests is well known by pharmaceutical manufacturers as is also the fact that many new products are superseded after a short time. The directors of Messrs. Boots had both points in mind when they planned the present unit, which can enable speedy production and large-scale output of a widest possible range of pharmaceutical

and fine chemicals.





The first floor of the new fine chemicals plant is seen at left with 1,000-gall. tank in the foreground, charging "eggs" and ancillary equipment. At right are some of the manganate kilns and the process control panel at the new potassium plant established at Beeston. The part of the process here illustrated was developed by Ketjen, N.V., Amsterdam.

#### Correspondence

Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.

#### What Do They Think We Are?

SIR,—First we have the oldest rollfilm manufacturer issuing six coupons with bars of chocolate, the coupons to be redeemed by the photographic dealer. Secondly, we have the spectacle of the oldest, and until recently most respected, tablet manufacturer issuing a ridiculous scheme, complete with "the mystery buyer" and points, which enables the professional pharmacist to win for himself a fur mouse, a copy of the "Home Doctor" or a dart board. I can only repeat—what kind of morons do they think we are?

A. H. WILLIAMS,

Torquay

#### **Opting Out**

SIR, - I should like to take this opportunity to congratulate Xrayser on his article in the C. & D., May 2 (p. 435) entitled "Pharmacy Bill." Exclusive Brethren have been numbered as twenty-six, yet two M.P.s mention
Jehovah's Witnesses and Plymouth
Brethren in addition. If those three groups are combined they could obviously number more than twenty-six members. If those three groups are selected, why must they be elected for preferential treatment over other religious groups. The contention of group-ing with "unbelievers" does not in my view recede by forfeiting membership of the Society, since a pharmacist by qualification is still a pharmacist and ranks with others in the pro-It would be interesting to fession. learn what this group propose to call themselves. The contention though removed from the Society's register, these people will continue to pay dues to the Society is ethically wrong. The dues to the Society are specifically membership fees, and it is impossible to understand how they can be accepted for any reason other than that specified. Whilst these people will not, for example, be entitled to vote at the Council election or be members of branches, or use the library or receive its publications by virtue of membership, they would, as Xrayser states, automatically benefit from any advancement or promotion of the interests of pharmacy that might result from any action taken by How, also, would they the Society. be notified of any recommended action by the Society and changes in the poisons law? It has been the aim of the Society to increase membership, particularly in view of falling income leading to increased fees. The Society would no doubt like to ensure the membership of all pharmacists, whether engaged in practice where the poisons law might be invoked or whether engaged in industry, where membership is not essential. So quite obviously this thin-end-of-the-wedge, enabling people to opt out, could eventually result in a reduced membership of the Society. I would say that anyone who chooses pharmacy as a career knows the conditions he has to

comply with. If the religious views of such people conflict with their professional obligations, then they have no choice but to give up pharmacy.

CYRIL E. TURNER,

Stoke-on-Trent, Staffs

#### Nomen Proprium

SIR,—Your correspondent E. W. Jenkins (a hospital pharmacist) (C. & D., May 2, p. 442) should be told that retail pharmacists do not wish for any mysticism to be attached to prescribed medicines, nor to perpetuate mysteries of bygone days. They do, however, object to putting the name of the drug on the label for the following reasons: (1) It would encourage self-medication or "next-door-neighbour" medication ("you have some of my tablets, they will do you good"). We now see the results of this in the demand for "purple heart" tablets, much of which is due to the passing-on of tablets from person to person. If "purple hearts" had not been so easily recognisable it is certain, in my opinion, that much of the unnecessary demand would not have been made. (2) It is not wise to allow patients to know what they are being treated with, for they attempt to "back diagnose" to find out the complaint—not always in their own interest. Is it wise to allow patients with a heart condition to know that they are being treated with digoxin? Or a patient with a carcinoma that he is having morphine? In my experience the answer is emphatically "No!" Doctors still go to the trouble to write out in full phenyl ethyl malonyl urea so that patients do not know that they are having phenobarbitone. (3) Why should we be expected to keep records for the doctor who decides not to keep records himself? (4) If patients decide to put other tablets into bottles labelled with the previous contents, it may lead to misrepresentation, and could lead some chemist to be charged with supplying something wrongly.

A. W. CARR, Smethwick, Staffs

#### Standard Packs

SIR,—The prescription pricing bureau at Harlow, Essex, has sent me a letter admonishing me for my lack of psychic powers in that I was unable to fore-cast what the local doctors and their locums were going to prescribe. I am told that I should have been able to know in advance that a certain product that is seldom ordered locally would suddenly, and for a few weeks, become popular, and that I should have ordered a larger size so as to be ready to meet the new demand (and incidentally to help reduce my employer's profit). Of course the official letter did not put it in so many words, but that was obvi-ously what it meant (and as it happens the stuff has not been prescribed since!) My sin on this occasion has enriched my employer, by way of extra and presumably ill-gotten gains, by at least fivepence. The cost to the nation has

been every penny of one shilling and sixpence. The fact that it has cost the nation probably eight or ten times that amount, in clerical and administrative costs, to tell me so is conveniently overlooked. That is probably regarded as money well spent! May I suggest that it would be to the great benefit of everybody if the pricing bureaux stopped sending out letters over such piffling amounts, and devoted the time so saved to getting on with their proper job of pricing? Or, if they are not happy unless they send out a letter now and again, at least let it be over large amounts—where the money can be measured in pounds rather than in pence. At the same time, since we are apparently expected to know in advance, even before the prescribers themselves know, what prescriptions we are going to get next month, and since no power on earth can forecast the prescribing habits of locum doctors, will the pricing bureaux please consider issuing us with crystal balls, suitably mounted, so that we can gaze into them occasionally, by the light of a gibbous moon? This would probably be as good a way as any, and better than most, of learning what we are going to be asked for before the prescriptions come in. Future students aspiring to be registered as pharmacists will, of course, be better equipped for this than we are. They will not be admitted to the register until they have satisfied the examiners in clairvoyance.

ARTHUR G. WELLS. Canterbury, Kent

#### **Opportunities Lost**

The suggestion that the Str. National Pharmaceutical Union should go into business, reported in your issue of May 9 (p. 564) follows some correspondence I had with the secretary of the N.P.U. some years ago, and suggestions I made at a local branch meeting at which the secretary and assistant secretary were present. My proposal then (which was laughed at) was that all pharmacists should invest a tithe (10 per cent.) of net income into a central fund to purchase control of companies manufacturing pharmaceuti-cal and allied products. Since I made the proposal, several firms that were then staunch C.F. members, have been purchased or "taken over" by non-C.F. firms and their products have been distributed outside pharmacy. Had there been a central fund available no doubt the N.P.U. could have made a "take over bid" and gained control. Ten per cent. of the incomes of interested pharmacists would soon arrive at a very substantial figure.

ERNEST A. DARLEY, London, N.1

#### **Appreciated**

I THANK you for the help I have received from your journal especially from your Quarterly Price List. I know of no other similar publication that gives so much value.—1.F.



Tough customer

Knows what she likes. Likes how she looks. Wants to keep it that way. Hates gimmicks. Won't buy them. Doesn't mind paying for something good. Loyal. Once you've got her, she's yours. For as long as you stock what she wants. You're about to.



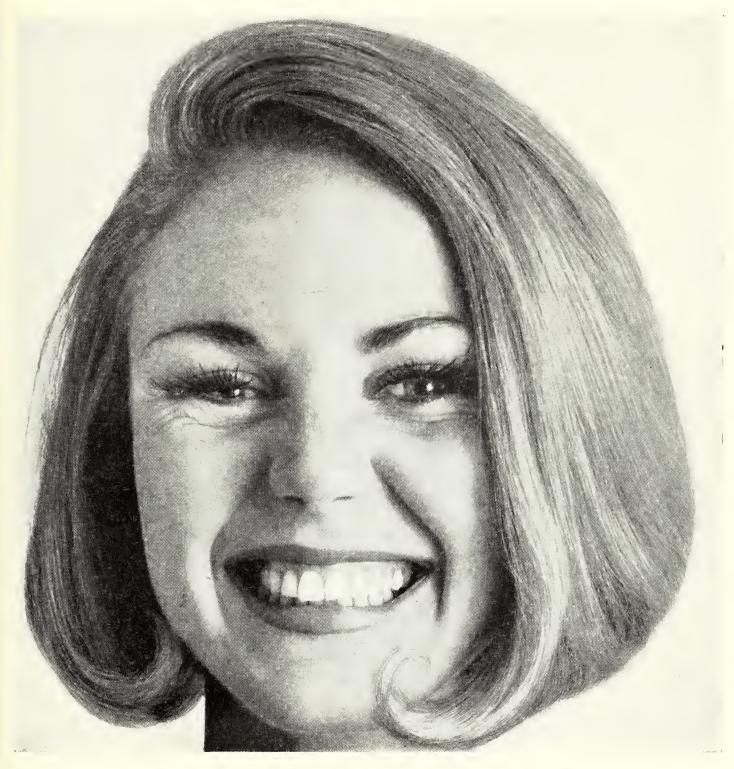
#### That's a perm you're looking at!

(It's the uncurly permanent. A new kind of Toni)

**24 big, big curvers give you this look.** Curvers invented by Toni. A cross between a roller and a curler. Works like a roller. No curls, just curves. Lasts like a curler. For ages. Curver lotion makes it last. Permsin the curve. All come in a big, new box. To give you a new, new look. Uncurly. Smooth 'n Sleek. Get the look for 15 shillings. It's the best 15 shillings you'll ever spend on your hair.

All in one box! 24 curvers in 4 sizes and curver lotion to perm-in the curve 15/-. Without curvers 8/-.





# That's profit you're looking at!

(It's the uncurly permanent. A <u>new</u> kind of money-spinner)

It's the no-gimmick body perm. A new Toni. Done on curvers. A Toni invention. Used with curver lotion. A Toni formula. Gives permed-in curves. Curves that last. Curves that stay. It's for customers like this one. Customers who want a body perm. Not a gimmick. Who'll buy the complete kit for 15 shillings. And the pack without curvers for 8 shillings.

There's a big campaign behind it. Starting in June, 12,500,000 women will see the launch advertisement

shown on the opposite page. Big, big advertisements will appear in the Daily Mirror, Glasgow Daily Record, Woman's Own, Flair, Vanity Fair. Viewers in London, the North, Midlands and Scotland will see the 30-second TV commercial through June and July. And your own customers will see point-of-sale material like Counter Merchandisers, Shelf Strips, Crowners and Stickers. All from Toni. All to promote this Toni exclusive. All to help you turn tough customers into softies.



# Smug customer

Got what she wanted. Got it from you. The uncurly permanent. The new kind of Toni.

#### Toni terms will make you feel smug too!

IN PARCEL "A"

IN PARCEL "B"

You get You pay for only Giving you

12 kits with curvers, 3 kits without curvers 10 kits with curvers, 3 kits without curvers 5 kits with curvers, 3 kits without curvers 30/- extra profit 15/- extra profit

6 kits with curvers, 3 kits without curvers

Coupled with our 10% Discount terms

You can make

£4.6.4, i.e. 94% profit

£2.7.0, i.e. 90% profit



For Retailer, Wholesaler and Manufacturer
ESTABLISHED 1859

Published weekly at 28 Essex Street, Strand, London, W.C.2

TELEPHONE: CENTRAL 6565

#### Museum Piece Terms

In modern times the Pharmaceutical Society's Council seems always to have bad luck in its premises plans such persistently bad luck as almost to put the Council in the accident-prone category. Thirty years ago there was the decision to build a new headquarters building at Brunswick Square. "The needs of the Society," as one Council member put it, had then "long outgrown the utility of the private houses of Bloomsbury Square." So a site was acquired, an architect engaged, and construction started. Came the war, when steel was needed for other purposes. Work had to be stopped with only one floor completed. When the war ended work could not be immediately resumed but in the meantime conditions had changed. Running its own school had become for the Society a prohibitive luxury. Only one authority was capable of taking over that function the University, which would take over the whole building or nothing. The sale went through, on terms to some extent dictated by the situation, and less favourable, no doubt, than if there had been full freedom of manoeuvre. Still, with the school gone the "private houses of Bloomsbury Square" might serve their turn.

So when the opportunity came in 1958 to acquire the freehold plus that of some adjoining premises, the Council went ahead and bought them, only to be told six years later, that compulsory purchase for British Museum extensions would be imposed by 1966 at the latest.

Shocking bad luck. But is that the whole story? In 1934 there were those who looked at the finances of the Society and at signs of changes, even then, in the practice of pharmacy and pronounced the Brunswick Square project unrelated to either. One of them was a Council member (Mr. F. Gladstone Hines), who said: "Any ordinarily responsible body would have ensured reasonable and satisfactory accommodation timed to meet the new situation."

The next positive move seems to have been the purchase in 1930 of the large block of property extending almost the whole of one side of Brunswick Square "in all ways a very desirable location for the Pharmaceutical Society of Great Britain." But the price was heavy. Cost of the purchase was given as £57,193, alleged by Mr. Hines to be "quite £20,000 in excess of the actual value of the property at the time of the purchase." He was "perfectly certain that, at the time, no member of Council consenting to the acquisition ever contemplated that £57,193 of the funds of the Society would be used for a freehold site on which to build solely for the Society's use." The building to be put upon the site

involved a further projected outlay of £200,000—in all £257,000. The burden of Mr. Hines's complaint against his Council colleagues was that they were not telling members enough of what was going on. He proposed that no commitments should be entered into until financial estimates, including upkeep expenses, had been published with the annual financial statement and left open to examination by members for not less than six months.

Mr. Hines's views received support from the Privy Council members (then Sir Humphry Rolleston and Professor J. A. Gunn) but not from the elected members nor, as it transpired, from the membership generally, which, at a special meeting in June 1937, carried unanimously and without ado a motion to approve the land purchase.

In 1937 the then treasurer (Mr. E. T. Neathercoat) said that a considerable sum of money had been accumulated over a period of years towards the cost of the building, and a further accumulation could be reasonably anticipated before the Society moved into its new quarters. Probably more than half the cost would be financed out of the Society's own resources. It was proposed to complete the financing of the building by a mortgage on certain assets of the Society in the general fund. The security they were able to offer, the nature of the Society's work and the prestige of the Society had enabled him to negotiate a loan of £100,000 at the low rate of interest of  $3\frac{1}{2}$  per cent., repayable over a period of thirty years. Xrayser pointed out, however (C. & D., January 16, 1937, p. 51) that "Our income is at its peak now; the next few years will, in my judgment, see a decrease in it. There are disintegrating forces at work in pharmacy which may undermine its structure—trends of public opinion which will not make for the elevation of pharmacy as a profession. Whether we like it or not. the only future pharmacy has is in its success as a business calling. The selling of drugs and the dispensing of medicines will never give its practitioner more than a bare pittance."

A year later the C. & D.'s own comment was "While there has been no public announcement relating to the finances of the new building, we understand that a certain amount of concern is evinced in official circles with regard to the rising costs, so much so that a suggestion has been made that appeals for financial aid should be put before the University of London, the Rockefeller trustees and certain firms connected with pharmacy.... Members of the Pharmaceutical Society may be approached to assist financially in the building of this edifice."

The fears were only too well grounded. In September 1938, "after a full consideration of the project, both from the point of view of accommodation and finance, the Council . . . after estimating the extent of probable donations . . . decided that £310,000 must be fixed as the limit which the Society's present resources and anticipated income over the next two years justified expending, on the building, contents, fittings, equipment, fees and all extras. If, however, additional donations were forthcoming towards the cost, the scheme would be open to review during its progress."

By February 1939 the cost figure had become £350,000 (about £50,000 of it for equipment). Members were given the assurance of the treasurer of the Society that the existing income would be sufficient to cover maintenance costs. But the expenditure of the

monies accruing to the Society as a result of the passing of the Pharmacy and Poisons Act, 1933, appeared to be increasing at an alarming rate, and by the end of 1939 the C. & D. had to comment: "The position, as we see it, is clearly that the estimate of £350,000 must, on account of rising costs, be largely increased, and the final cost may well be nearer £500,000. . . . If the Council has ever considered what additional annual expenditure will be incurred in maintaining the new headquarters, it has not made known the result of its deliberations."

In 1958, when the Society became the owner and not merely the tenant of the Bloomsbury Square premises it was known that the British Museum wanted to acquire the site for extensions. Its plans were opposed by certain interests, such as the Holborn borough council, and the Council did a double gamble. It gambled first on a delayed decision, giving time enough for the purchase to be justified. That gamble nearly came off. For a year or two the Society has enjoyed the full beneficial occupation of a transformed building that has commanded the admiration of outsiders and boosted the morale of members. The second gamble was that the British Museum extension would never take place at all, and that no plans needed to be prepared for an alternative headquarters. That gamble has failed, and there are some who say the signs existed to show that it could never have succeeded and should not have been taken. What amount of money has been spent on the improvements at the headquarters premises is not easy to ascertain. The annual accounts as published include entries under that heading of £7,708 for 1956, £22,170 for 1957, £2,513 in 1958 and £781 in 1959. In 1960 there is a sharp rise to £30,469 and for 1961 the amount is £18,626. The total amount for those years is thus £82,267, plus any items that may be entered under "maintenance." The accounts for 1962 and 1963 do not include any figures for headquarters improvements. Looking at the results in constructional work, decoration and furnishings, and recalling over what a lengthy period the premises were to a greater or lesser degree "occupied" by workmen, one wonders whether there are not substantial accounts still to be rendered.

Everything now turns on what net sum will accrue from the sale put through only so shortly before the date on which compulsory purchase would take place anyway. The fact that the sale is "voluntary" may not influence greatly the final amount, since the Government as purchaser has all the advantages on its own side and may drive a hard bargain. We hope not. It is an irony that the Ministry of Works and Public Buildings, which is making the purchase in order to clear the site, is the very Ministry which in 1952 scheduled No. 17 as a building of special architectural and historical interest. The chief advantage of selling is to know at the earliest date how much money will be available. The alternative accommodation will now have to be found within so short a period that again the chance of negotiating advantageous terms is diminished, especially as the time is one of increasing property values. Today the Council seems unprepared, even stunned, by the turn of events. Or at least no information has been forthcoming of its preparedness.

#### GUIDE TO ANIMAL MEDICINES

Information about veterinary medicines made available by manufacturers through pharmacies. Notes are on p. 503.

CANILEP-DD vaccine

MANUFACTURER: Glaxo Laboratories, Ltd., Greenford, Middlesex. Description: Combined, freeze-dried vaccine. Each course of treatment comprises two vials containing the following organisms: Distemper (egg-adapted living), hepatitis (killed), and leptospirosis (killed L. canicola and L. icterohæmorrhagiæ components), together with two ampoules of water for injection.

INDICATIONS: Immunisation against distemper, hepatitis and two

varieties of leptospirosis in dogs.

METHOD OF USE: By subcutaneous injection, using strict aseptic precautions: two injections of 1 mil (the first at eight to nine weeks and the second two to three weeks later). A booster dose of 2 mils may be given after one year.

STORAGE: Should be stored in a refrigerator at 2°-10° C. (36°-

50° F.) and protected from light.

Notes: A slight colour change on storage (due to the presence of an indicator in the culture medium) is of no significance. How Supplied: In multidose pack of three complete courses, and booster pack of one dose.

SUPPLY RESTRICTIONS: Therapeutic Substances Act.

FIRST ISSUED: December 1963.

SERNYLAN parenteral

Manufacturer: Parke, Davis & Co., Staines Road, Hounslow, Middlesex.

DESCRIPTION: Colourless solution of phencyclidine hydrochloride available in two strengths: 20 mgm, per mil and 100 mgm, per mil. Ready for injection. Ataractic.

INDICATIONS: Scrnylan is effective in facilitating the immobilisation, restraint, sedation and potentiation of general anæsthetics in a wide range of animals.

Dosage and Precautions: See manufacturer's literature.

How Supplied: Both strengths in vial of 10 mils.

Supply Restrictions: P.I, S.4B. Recommended by manufacturer to veterinary prescription only.

FIRST ISSUED: March 1964.

#### FURASOL premix

MANUFACTURER: Smith Kline & French Laboratories, Ltd., Welwyn Garden City, Herts.

DESCRIPTION: Yellow water soluble powder containing 20 per cent. of furaltadone, as a water mix.

Antibacterial agent.

INDICATIONS: Salmonella and coliform infections in chickens, including secondary coli septicæmia following respiratory infections.

METHOD OF USE: Add 1 lb. of Furasol to each 50 gall. water (to give 0.04 per cent solution of furaltadone), administered for ten days or until Neftin (furazolidone) can be included in the feed.

STORAGE: In a dry place with drum lid closed. How Supplied: In drum of 5 lb. of premix.

FIRST ISSUED: January 1964.

#### NUVAN aerosol

Manufacturer: CIBA Laboratories, Ltd., Horsham, Sussex. Description: Aerosol cannister containing 225 mgm. of diclorvos (2,2-dichlorovinyl-dimethyl phosphate as a 0.4 per cent. w/v solution). Insecticide.

INDICATIONS: Irradication of ticks, fleas, lice and other external

parasites of dogs and cats.

METHOD OF USE: The animal's hair should be raised with the hand or a comb and the skin sprayed, holding the aerosol 6 to 8 in. away (application for 15 secs. is usually adequate for a large dog and 5 secs. for a cat). Most of the body

should be lightly sprayed.

Precautions: Avoid spraying the region of the animal's eyes.

It is advisable to wear rubber gloves while applying the

product.

Notes: Being volatile, Nuvan has a furnigant as well as contact action, and gradually evaporates after application. It is stated to have a pleasant odour.

How Supplied: In aerosol can of 2 oz.

First Issued: July 1963.

#### PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

## PRE- OR POST-GRADUATE TRAINING?

A Council member describes a committee's agenda as "cooked"

THE much discussed question of the relative merits of pre- and post-graduate practical training was given another airing when the Council met on May 6.

Presenting the minutes of the Education Committee, MISS M. BURR said inquiries had been made whether the Council would continue to allow an examination entrant who had sat the required three subjects at advanced level, but passed in only two, to begin a valid period of practical training. The Committee recommended granting the concession during 1964. In 1965 only post-graduate practical training would be recognised, and the examination regulations would be altered to produce that effect.

Mr. A. ALDINGTON moved reference back. He thought that pre-collegiate training produced the best type of retail pharmacist, and maintained that it would be a retrograde step not to allow it in any form. His motion was seconded

by Mr. A. Howells.

MR. J. P. KERR said that the student still had to do a year in a retail establishment. He did not see that it mattered that that should be done after the student eame from

school or from college.

THE TREASURER (Mr. H. Steinman) thought the wisest course was for a student to continue his academic studies. "But what about the student who cannot get into a university and has a year to waste?" Mr. T. HESELTINE said members of the teaching profession had assured him that university places would be found for all.

THE PRESIDENT told the Council that, if they continued to allow an alternative, they would produce students who would have been wrongly advised by taking practical training before the academic course. There would be a break in student's "feeling for learning."

MISS BURR said the recommendation had been made upon expert advice.

Reference back was lost by 10 votes to 5.

The Council agreed in general with MR. H. WILLIAMS, who maintained that the Organisation Committee should be given more work or else wound up. The Committee might take over some of the work of the Finance and General Purposes Committee. The short report from the Organisation Committee, presented by Mr. ALDINGTON, "made it obvious that the agenda had been cooked to give the Committee something to do," said Mr. Williams.

MR. ALDINGTON suggested that the office might consider the matter and that a recommendation could be discussed

at the next Council meeting.

THE PRESIDENT said there seemed to be a good deal in what Mr. Williams had said. He had discussed the matter with Mr. Adams and proposals would be put forward that would answer the points raised.

Invited, for the first time, to nominate a representative upon the council of the Queen's Institute of District Nurs-

ing, the Council appointed Miss Burr.

A number of criticisms were reported received from Branches upon the selection of October 31 as the last date for receipt of comments upon proposed changes in the constitution of the Council. The Council reiterated its hope that replies would be possible by October 31. That was not a final date, but it would help in making progress.

#### F.I.P. General Assembly

THE PRESIDENT announced that Messrs. F. W. Adams, A. Aldington, E. A. Brocklehurst, T. Heseltine, K. Holland, C. W. Maplethorpe, T. Reid and H. Steinman would represent the Society at the twentieth general assembly of the International Pharmaceutical Federation to be held in Amsterdam, Holland, from September 7.

It was agreed to send a letter of congratulation to the

British Pharmaceutical Students' Association expressing the Council's interest in a "survey into the information concerning student pharmacy in Great Britain" which that Association had undertaken in 1963.

In January, the Council had adopted the recommendation of the Education Committee to increase from £2 2s. to £3 3s. for each subject the fee to be paid for entry to Part I of the Qualifying examination and from £3 3s. to £4 4s. for each subject the fee for Parts II and III of the Qualifying examination. The Privy Council had approved the alteration by an Order of Council dated April 22. In November 1963 the Council had adopted the recommendation of the Education Committee that, in by-laws, Section XX, Clause 4, line 7, the word "sitting" should be deleted and the word "passing" inserted. That alteration had been approved by the Privy Council by an Order of the Council dated April 22. Effect of the alteration was that degree students would have to pass the final degree examination as a whole before beginning a valid period of post-graduate practical training.

The Benevolent Fund Committee reported that since the previous meeting legacies had been received from the estates of the late C. Fields, Nottingham (£223); the late Mrs. M. J. R. Male, Bournemouth (£16 10s.); and the late W. H. Sheldon, Milnthorpe, Westmorland (£10 10s.). Grants to four members, four widows and in respect of two orphans

pharmacists were recommended.

The Council approved the statutory balance sheet and statement of accounts for 1963 together with the auditor's

Rhyl and District Branch wrote notifying that they proposed to recognise the services given to pharmacy by Mr. H. Humphreys Jones by presenting him with an oil painting of his old home at Tan-y-bont. Miss Burr agreed to represent the Society on May 14 when the painting would be presented.

The annual report of the Scottish Department Executive for 1963-64 was received.

#### Drug Safety Exhibition

A report received from the Society's Scientific Advisory Committee recommended "that consideration be given to the design of an exhibition on the safety and handling of drugs in the home." It was proposed to prepare an exhibition and loan it to branches for staging in suitable rooms open to the public. The Committee recommended that the exhibition should consist of three sections to show: (1) The care taken in developing new drugs and in manufacturing medicines to make them as safe as possible. (2) Safety precautions in dispensing and distribution of medicines. (3) The need for the public to appreciate that medicines are potent materials that must be treated with respect. It was proposed that the exhibition should be designed and prepared by the Department of Pharmaceutical Sciences. The Finance and General Purposes Committee recommended and the Council agreed to give authority to spend about £1,300 on material.

The Publications Committee reported that work was proceeding on a revision of the Poisons Guide to bring it

into line with the new Statutory Instruments.

A report had been received on the income and expenditure for the Society's journal for the first quarter of 1964, together with a comparison of the figures for 1963. It was noted that there had been an increase in the volume of advertisement space sold.

Consideration had been given to the future of the Extra Pharmacopæia Volume II. The Publications Committee recommended that the volume should not be perpetuated in its present form but replaced by a series of "Extra Pharmacopæia Companion Volumes." The new edition of what was now called "Volume I" would become simply "The Extra Pharmacopæia," taking in certain appropriate material from the present Volume II, and would be augmented by a range of companion volumes to be published as and when necessary.

Progress was reported on the production of the second edition of the British Veterinary Codex to be published in 1965.

The chairman of the Practice Committee (MR. GROSSET) presented the minutes of the meeting of the Practice Committee. He reported that, after discussion at the April meeting on the remuneration of hospital pharmacists in the light of the award by the Industrial Court, a small steering committee had met and had presented an analysis of the situation to the hospital subcommittee of the Practice Committee. The subcommittee had suggested setting up a committee of inquiry, for which terms of reference were being prepared.

Authority was sought by the Law Committee to institute proceedings against one authorised seller and four traders for alleged infringements of the Pharmacy and Poisons Act, 1933. In four other cases it was recommended to send warning letters to the persons concerned, two of them authorised sellers.

#### Chloral Preparations to Midwives

Midwives have for some time used chloral hydrate and derivatives as a sedative and hypnotic for their patients and the Central Midwives Board considers that they should continue to be able to do so. Now that those preparations had been placed in Part B of the Fourth Schedule to the Poisons Rules 1964, the Central Midwives Board has asked the Council to ensure that pharmacists will continue to supply midwives with chloral preparations under Section 20(5) of the Pharmacy and Poisons Act, 1933. The Law Committee has recommended publishing a statement to that effect

#### Ethical Committee

The minutes of the meeting of the Ethical Committee included references to pharmacists' advertising not complying with the standards acceptable to the Council. The Society had been in touch with the members and each had accepted the Society's point of view.

A member had requested a ruling on an advertisement scheme sponsored by a local chamber of trade with particular reference to a display emblem in the form of a certificate to be exhibited in shops participating in the schere. The Committee considered that members should not participate in such schemes.

Several Branches of the Society and individual members had drawn the attention of the Law Committee to a scheme, advertised in various newspapers, whereby three articles were offered for the price of two. The implications of the scheme had been discussed and the registrar had been asked to take up the matter with the company concerned.

In an article in a recent issue of *Drug and Therapeutics Bulletin*, the suggestion had been made that some pharmacists when talking to patients criticised the use of placebos when those had been prescribed. Representations had been made to the editor, and it was understood that a correction would appear in the next issue.

#### 100 YEARS AGO

#### RESTRICTION OF DRUG SALES

From the C. & D., May 14, 1864

THE Bill prepared by the Council of the Pharmaceutical Society as an extension of the Pharmacy Act of 1852 has been printed, and may now be freely criticised. . . An independent member of the Council, for whose opinions we have great respect, points out, in a letter published in the *Journal*, the difficulty which arises in the attempt to restrict dispensing to those who are registered. The Act

provides that it shall be unlawful for an unregistered person to keep open shop for "the compounding of the prescriptions of duly qualified medical practitioners." But how is the dispenser to distinguish between such prescriptions and family receipts, or receipts copied from standard works? . . . "To attempt the prohibition of preparing medicines from published prescriptions would be simply impossible, so long as the keeping and selling of these medicines, simple and compounded, are not also prohibited. Public safety is more endangered by the sale of medicines by uneducated tradesmen, whether they are called chemists or grocers, than it is by the dispensing of medicines from prescriptions; and my conviction is, that useful legislation affecting our trade must be based upon the restriction of the retail sale of poisons and powerful drugs to registered, and ultimately to examined dealers."

#### NEW BOOKS

#### Trade Directory of the Republic of Ghana 1964

DIPLOMATIC PRESS & PUBLISHING CO., 13 Cotswold Gardens, London, N.W.2. 11 x  $8\frac{1}{2}$  in. Pp. 144. 40s.

This is the fourth edition of the directory and follows the same pattern set in previous editions.

#### Chromosome Marker

K. R. LEWIS and B. JOHN. J. & A. Churchill, Ltd., 104 Gloucester Place, London, W.1. 9 x 6 in. Pp. x + 489. 65s.

DESCRIBED by its authors as "not a text book," the work deals comprehensively with the nature of chromosomes and their place in biological studies. The book is divided into four sections under the headings of chromosomes in cell division, in heredity, in development and in evolution.

#### Medindex

Medindex Directories, Ltd., 313 Brompton Road, London, S.W.3. Pp. 215. Free to members of medical profession; to others, £4 4s.

To be issued quarterly, the directory has been designed primarily for use by medical practitioners. Information given about the products listed includes active ingredients, indications, contra-indications, presentation, dosage and price. Additional information such as safety factors and antidotes are also given. Cross references to the main index are provided together with a list of manufacturers' addresses.

#### Asbestos Fundamentals

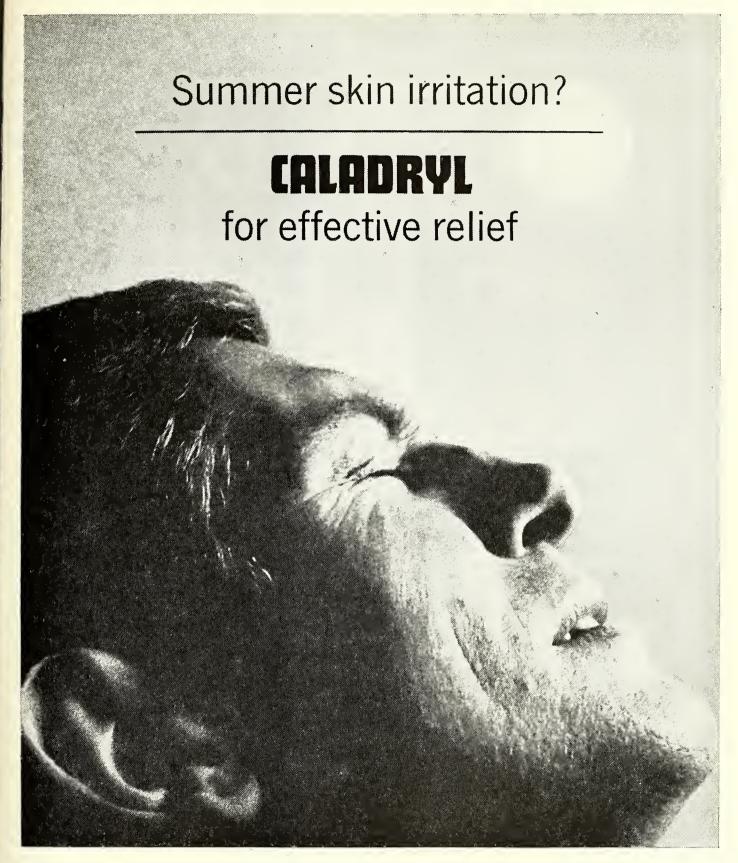
HANS BERGER (translated by Ralph E. Oesper). Chemical Publishing Co., Inc., 212 Fifth Avenue, New York.  $8\frac{1}{2} \times 5\frac{1}{4}$  in. Pp. xi + 171. \$6.

PLANNED by the author as "a fairly inexpensive and compact treatment of the most important facts, data, findings, processes, etc., pertaining to the whole field of asbestos," for "the general German-reading public," the translation makes good the lack of a similar handbook in English. Well chosen illustrations give a good indication of the machinery and processes in current use both in Germany and elsewhere, and the copious references to the literature of the subject at the end of each section should prove valuable to specialist and novice alike. The translation still, unfortunately, retains in places a German idiom.

#### Drugs of Choice, 1964-65

W. MODELL (Editor). Henry Kimpton, 134 Great Portland Street, London, W.1. C. V: Mosby Co., St. Louis, U.S.A.  $9\frac{1}{2}$  x  $6\frac{3}{4}$  in. Pp. 1018, 126s.

THE fourth edition of this now well established American work of reference follows the general plan of its predecessors. A discussion of the factors affecting the choice of a drug for a particular malady (including a chapter on "Drugs for Children") is followed by a review of currently available drugs. The arrangement is pharmacological and each chapter is written by a specialist contributor. In order to allow different views to be expressed on controversial topics, the publishers have a policy of changing the authors for certain sections in each successive edition. A new chapter deals with adverse drug reactions, and a former chapter on diagnostic reagents has been dropped, its material now being distributed through the text. For ease of reference the index pages are now tinted.



CALADRYL\* effectively relieves sunburn, insect bites, nettle stings, prickly heat and pruritus. It combines the antipruritic and anti-allergic effects of Benadryl\* with the soothing and cooling effects of calamine, camphor and glycerin. CALADRYL is available as a creamy lotion in bottles of 4 and 80 fl. oz. and as a cream in easy-to-carry tubes of  $1\frac{1}{2}$  oz. or in jars of 1 lb.

\*Trade mark

PARKE-DAVIS

PARKE, DAVIS & COMPANY, HOUNSLOW, MIDDLESEX, TELEPHONE HOUNSLOW 2361

#### THERE'S GOLD IN THEM THERE BARS!



DIAL OFFERS A HIGHER PROFIT MARGIN THAN ANY OTHER HEAVILY ADVERTISED TOILET SOAP. Dial is Britain's most heavily advertised deodorant bath and beauty soap. Consumer tests have proved that women prefer Dial to ordinary soap. Dial—America's best-selling soap—has already been successfully launched in Tyne Tees. Now chemists in the Midlands can take their share from big profit-making Dial. Armour Chemical Industries Ltd., London S.W.1. Sole U.K. distributors Food Brokers Ltd., Crown House, Morden, Surrey. Tel: LIBerty 7284.

# A New International Camera-loading System

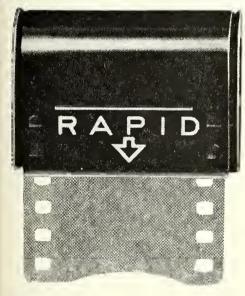
#### FOURTEEN MAKERS COMBINE TO LAUNCH NEW RAPID CASSETTE

to the European photographic trade press at Frankfurt recently, a new Rapid system resulting from a concerted effort from fourteen major European manufacturers (Adox, Agfa, Balda, Bilora, Carl Braun, Dacora, Ferrania, Gevaert, Ilford, Perutz, Regula, Rollci, Voigtländer and Zeiss Ikon) represents an important advance that should greatly increase the number of pictures taken. The manufacturers have looked ahead and developed something that will attract a new class of customers: those who are more interested in the end-product than in the technicalities of producing it.

#### Features of the System

Basic feature of the system is a compact new cassette designed for quick and easy loading. It holds a standard 60-cm. length of 35-mm. film, presents no new problems in processing, needs no rewinding. In loading, the user simply slips the cassette into the back of the camera, closes and winds on. The film automatically threads through the camera into another cassette, which is lifted out with the exposed film for processing.

The versatility of the system enables a wide range of Rapid cameras by various manufacturers to be offered in different price categories for use



The new cassette.

with the Rapid cassettes containing black-and-white or colour films. Photographers are given a choice of cameras in three different frame sizes, the standard 60-cm, strip of film permitting twelve exposures 24 x 36 mm., sixteen exposures 24 x 24 mm. or twenty-four exposures 18 x 24 mm.

35-mm. enthusiasts may object to having only twelve exposures to a cassette, but the manufacturers contend that the speed of inserting a new film "removes any chance of missing that important picture" because of the need to reload. Automatic setting (from 15 to 27 DIN/25 to 400 ASA) is possible on cameras with exposure control. The film guide system is orthodox, ensuring sharp definition.

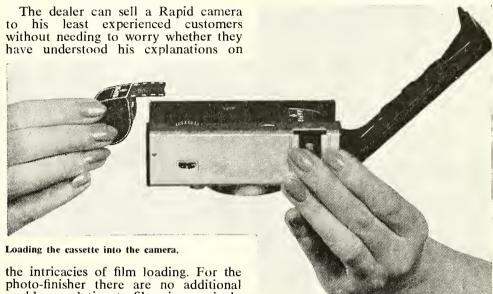


photo-finisher there are no additional problems relating to film size: a single pull removes the film from the cassette. The new Rapid cameras and films become available from July 1.

Marketing plans of the individual manufacturers concerned are summar-ised below. Prices are being notified through the usual channels, whether direct or through local distributors.

ADOX: Two 35-mm. black-and-white films KB 17 Rapid and KB 21 Rapid are being made available at first. Adox Rapid cameras are being introduced for the 1965 season.

AGFA: Four films are being made available in Rapid cassettes: Agfa Isopan F Rapid and Agfa Isopan ISS Rapid for the black-and-white user; Agfacolor CN 17 Rapid universal film for amateurs (giving either colour or black-and-white prints for enlarge-ments); and Agfa Agfacolor CT 18 Rapid colour-reversal film. At the outset there will be three cameras in the company's range, the Agfa Iso-Rapid 1 with 24 x 24 mm. format permitting sixteen exposures, with an F/11 lens and shutter speeds of 1/40 and 1/100 sec. The Agfa Iso-Rapid IF incorporates a built-in flash gun. The Agfa Silette Rapid 1 has a 24 x 36-mm. format (twelve exposures).

BILORA: Plans have been made for manufacturing Rapid cameras but the makers are not yet in a position to announce new models.

DACORA: Two new Rapid camera models become available by July 1,

the D 101 rapid with a single-element lens and the D 202 rapid with 3-element lens. Both cameras take twelve exposures 24 x 26 mm.

FERRANIA: Three types of film in Rapid cassettes are being made available at first, black and white, for coltransparencies and for colour prints. A wider range of films will appear in Rapid cassettes as the demand expands. Two plastic-body 24 x 36-mm. cameras are being put on the market by the end of 1964.

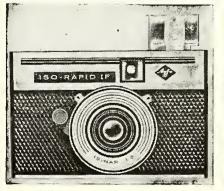
ILFORD: Basic simplicity of the Rapid system is stressed in the names of three films: "Black-and-white," "Colour Slide" and "Colour Print." The company's first Rapid camera will be the Sportina-Rapid, initial sales in the U.K. limited at first to a test-market area.

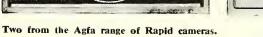
PERUTZ: Three Perutz films are being distributed by July 1—two black-and-white, Perutz 70 Rapid and Perutz 21 Rapid and a colour negative film.

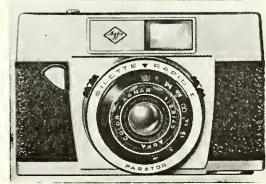
REGULA: The Regula-Rapid SL

REGULA: The Regula-Rapid SL camera is being introduced with a 4speed Rectamat shutter.

Plans of other Rapid manufacturers are being made known later. An important development in this collabora-tion between firms is an arrangement with ten major Japanese camera manufacturers (Asahi, Canon, Fuji, Konica, Mamiya, Minolta, Olympus, Petri, Rico and Yashica) for the production of Rapid cameras by them.





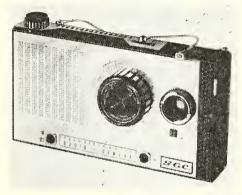


#### PHOTOGRAPHIC NOTES

Sole Agents. — Rank Photographic have been appointed sole United Kingdom distributors for the Moth and Firefly 2 x 2 in. slide projectors manufactured by Wray (Optical Works), Ltd.

New Tripod.—Neville Brown & Co., Ltd., Electrin House, 93 New Cavendish Street, London, W.1, are introducing the quick-set Hobby-de-luxe tripod. Made of non-tarnish aluminium, it has three sections with centre pillar extension, pan and tilt head, rubber-covered camera platform, plastic tipped feet and easy lock legs. Height extended is 63 in. and closed 18 in. Weight is 3 lb.

Combined Radio and Camera.—A modified version of the Instamatic 100 camera of Kodak, Ltd., Kodak House, Kingsway, London, W.C.2, has been incorporated in a transistor radio by General Electric Co., Ltd. Named Transistomatic, the apparatus is being released to radio dealers on May 18. The outfit as sold comprises the Transisto-



matic, AG1 flash-bulbs, batteries, and a Kodacolor-X 126 film. Each film sold in the outfit carries instructions to the purchaser to take the film to a Kodak dealer for processing. Servicing of the unit will be carried out by radio dealers. Though at first supplies are restricted to radio dealers, G.E.C. will probably be prepared later on to supply the apparatus through photographic dealers. Kodak, Ltd., stress that they are not planning to sell other Kodak products through radio outlets.

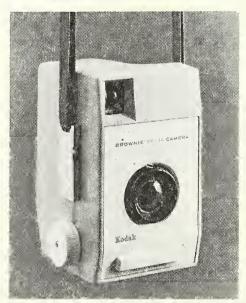
Colour Printing Service.—A colour copy and enlargement service for users of Polacolor film is now offered by Polaroid (U.K.), Ltd., Queensway House, Queensway, Hatfield, Herts. Quarter-plate copy prints (3\frac{1}{4} \times 4\frac{1}{4} \times in.), full-plate (6\frac{1}{2} \times 8\frac{1}{2} \times in.) and half-plate enlargements (4\frac{1}{2} \times 6\frac{1}{2} \times in.), can be made and the enlargements are finished by hand and returned in picture mounts. Normal delivery time is approximately ten days. Customers may purchase copy service "stamps" (each costing 1s.) from Polaroid Land dealers.

Now With "Zoom" Lens.—The new Kodak electric 8 "zoom" ciné camera resembles the earlier Kodak electric 8, but features a fast 10 to 30 mm. Ektanar f/1·6 "zoom" lens focusing from 6 ft. to infinity, as well as Duex cassette loading and electric drive. Like the electric 8 the new model has fully automatic exposure control. Film speed settings range from ASA 10 to 40 and when set at 16A or 40A, a built-in type A filter covers the lens and the meter is set for exposing type A film out-

doors. The camera is supplied complete with a Duex 8 cassette, pistol grip, adjustable neckstrap, hand-strap and 47.5 mm. adapter ring. Makers are Kodak, Ltd., Kingsway, London, W.C.2.

Slide Show Planning Aid. — The Da-Lite slide-show planner, recently introduced by Rank Photographic, Woodger Road, London, W.12, facilitates the examination and selection of photographic slides. Up to thirty-five 2 in. 2 in. slides can be accommodated on the translucent plastic viewing surface. Moulded parallel ridges support the slides and enable them to be picked up easily. The reflector is made of rigid, wood-grained fibre-board, covered internally with a highly reflective silver material, to help ensure even illumination from the 40-watt lamp. The planner is stated to be simply assembled and to fold flat for storage. Other uses suggested for the planner are rapid visual checking of slide quality, particularly duplicates, and for counter displays of slides.

Low-priced 35-mm. camera. — Rank Photographic, Woodger Road, Shepherds Bush, London, W.12, have introduced a new low-priced camera, the Rank Mamiya Ranger 35-mm. with Mamiya-Kominar 40-mm. f/2·8 lens. A built-in exposure meter copes with film speeds ASA 10-400. Seven shutter speeds (1/4 to 1/250 sec. plus B) may be selected, and apertures range from f/2·8 to f/22. A bright-line view-finder has parallax markings to avoid "cutoff" when working closer than 5 ft. The coupled range-finder is of double-image centre-spot variety. Depth of field at apertures f/2·8 to f/11 is indicated by a series of colour-coded dots



DESIGN CENTRE AWARD: In the 1964 Design Centre awards, for which the winners received certificates from the Duke of Edinburgh in Manchester on May 8, Kodak, Ltd., Kingsway, won an award for the Brownie Vecta camera illustrated. The camera was designed in the company's development department, in consultation with Kenneth Grange, F.S.I.A. It has a body of grey plastic, with white winder knob and exposure bar, and the fittings are nickel plated. The neck strap forms a "pull" cord to open the camera for film insertion. The camera takes a 127 film. Its dimensions are: Height,  $4\frac{6}{16}$  in., depth 3 in., width 3 in.



beside the focusing ring. The film take-up spool winds the film emulsion-side out, as in the Asahi Pentax. Other features are lever wind, flash synchronisation (X-type), folding rewind crank, accessory shoe and tripod bush. The lens mount accepts filters of screw-in type, diameter 40.5 mm.

Addition to Range.—Newest camera marketed by the Pullin Optical Co., Ltd., Ellis House, Aintree Road, Perivale, Middlesex, is the Olympus SC, a



semi-automatic camera with cadmium sulphide photo-electric cell. The bright-line frame of the combined rangefinder and viewfinder has automatic parallax correction down to 2 ft. 9 in. The Copal X shutter has speeds from 1 sec. to 1/500 sec. and B, and built-in self-timer. Focusing of the 42-mm. f/1·8 Zuiko lens is made easy by a lever under the lens mount which passes through an arc of only 40 degrees. Film speeds of 10 to 800 A.S.A. can be set and, if desired, the camera may be used manually. A leather ever-ready case and strap is included in the price of the camera.

Photographers' Maps.—In good time for the holiday season, Kodak, Ltd., Kingsway, London W.C.2, have introduced a new set of seven Kodak "photographers' maps," covering the whole of England, Wales and Scotland. On each map are superimposed a series of red symbols indicating localities of special appeal to the amateur photographer, and on the back a concise description of each such locality (example: "Gamrie (Banff)—Small place surrounded with good scenic subjects. Grand rocky coast and beautiful little burns, glens and ravines, especially Cullykhan running down to the sea."

New Colour Services.—The processing station of Agfa, Ltd., 27 Regent Street, London, W.1, is now offering a service of colour prints from transparencies and slide duplicating from 35-mm, transparencies (24 x 36 mm.):—Agfacolor CT print, print size  $3\frac{1}{2}$  x

5 in, from any make of transparency, four prints minimum; Agfacolor slide duplicates, from Agfacolor transparencies, each duplicate returned in a plastic mount, four duplicates minimum. The company also state that the range of print sizes from Agfacolor negatives has been amended to: Agfacolor EN prints, from square negatives, print size  $3\frac{1}{2} \times 3\frac{1}{2}$  in.; from oblong negatives, print size  $3\frac{1}{2} \times 5$  in.; Agfa print, from 35-mm, negatives only, print size  $3 \times 4$  in., four prints

minimum; Agfacolor enlargements, from square negatives, print size 5 x 5 in.; from oblong negatives, print size 5 x 7 in. Selective enlargements to a print 10 x 8 in. masked, shaded if necessary, and spotted are available.

if necessary, and spotted are available.

Two New Slide Projectors.—The Aldis SP/150 and Aldis SN/12 marketed by Neville Brown & Co., Ltd., 93

New Cavendish Street, London, W.1.

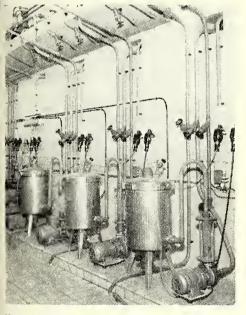
They have manually operated automatic slide changers, open magazines to facilitate the use of single slides, tilt, light

shutter, voltage-change plug and earthed cable 7 ft. long. 10-cm. lenses are available for both models. The SP/150 is a mains-operated 150-watt version for 35-mm. and bantam slides with 8·5-cm. f/2·5 anastigmat three-element lens, slide changer and XT type magazine. The SN/12 is a low-voltage projector for 35-mm. and bantam slides with 8·5-cm. f/2·5 anastigmat three-element lens, silent blower fan, micro focusing. slide changer and XT type magazine. A 110-volt version is available.

## **Automated Colour Processing**

NEW PLANT ON AN OLD SITE

USERS of Agfa colour films will benefit this summer from the inauguration of a new processing station. Built on the Wimbledon site of the old laboratory, the station has been entirely modernised. It is now equipped with the latest processing plant and safety devices that are confidently expected to "ensure perfect colour reproduction with consistent high quality together with a speedy and efficient service for the safe return of customers' processed films."



Filtration and re-circulation equipment is housed against walls and floors lined with acid-proof vitreous enamel tiles. Pipes and all vessel linings are constructed from hard PVC.

To build the new station so that no break in the processing facilities occurred was a difficult operation. It was achieved by housing the equipment in one half of the old station while the first half of the new was under construction, and then transferring the work to the new section while the second half was completed. The ground floor area is now largely given over to car parking space, supplemented by additional roof space reached by a special lift. The only part of the processing section housed on the ground floor is the recirculation plant. Through that plant pass processing solutions to be filtered at least seven times an hour. The solutions are automatically temperature controlled to a tolerance of  $0.2^{\circ}$  C.

#### Sorting the Films

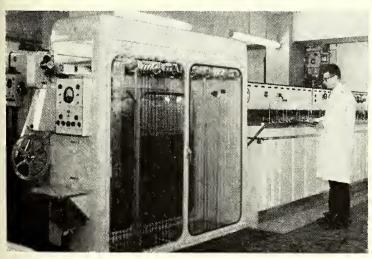
Exposed films received for processing are sorted on the first floor. Cine and 35-mm. films are tabbed with identifying details and any "leader" that has been wound back into its cassette is extracted again in a light-proof box. In a darkroom the films are joined end-toend and wound on to reels-an operation upon which four blind workers are employed, their sense of touch being invaluable. Development and drying are carried out on continuous-run machines, the finished film being inspected as it runs on to reels again as it emerges. Other sizes of film (and damaged 35-mm.) are processed by the more conventional lift-drop-advance method, but the new Agfa print process, which gives prints from transparencies without the need for an intermediate negative, is again continuous.

On the second floor processed films are assembled for dispatch. Unless otherwise requested by the customer, all Agfacolor 35-mm. transparencies are issued in plastics mounts, and here again automation plays a big part, for the only two operations that need attention from personnel are the centring of each frame and the packing and checking of mounted transparencies. Roll and non-standard films still need to be dealt with separately, and are cut by hand for dispatch in wallets.

#### **Control Laboratory**

Despite fully automatic control of processing, all working solutions are checked before use and hourly during their working life. That is done in a laboratory which, with the mixing and chemical storage rooms, is housed in a penthouse, as is also an engineering workshop capable of making spare parts for any of the equipment in use. Thus valuable time is saved that would otherwise have to be spent in obtaining replacements from abroad.

All foreseeable interference with processing from outside influences has been guarded against, so far as that is possible. In the event of a complete power failure, for example, a standby generator with Rolls-Royce diesel engine is capable of supplying full power for essential equipment within 9 seconds of the cut. Should the water supply fail, 28,000 gall.—sufficient for twenty-four hours' working—is available from storage tanks on the roof. In that way Agfa Processing, Ltd., hope they have reduced to a minimum the risk to customers' films.





Left: "Light" section of continuous processing machine (drying cabinet at left; processing tanks at right). Right: Mounting 35-mm, transparencies.

#### TRADE REPORT

The prices given are those obtained by importers, or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, MAY 13: Inquiry for CRUDE DRUGS remained slow during the week, but prices for the most part held steady at recent levels, reflecting a tight supply position in many instances.

There was a firmer tendency in most BALSAMS with COPAIBA up one shilling per lb. and Peru and Tolu each up threepence. Supplies of Cochineal have been virtually cleared on the spot. Costa Rican IPECACUANHA was firmer at origin, but prices of the root from other sources were unchanged. Podophyllum Peltatum was marked down a further shilling per cwt. but demand remained negligible.

In Essential Oils spot Brazilian Peppermint at 8s. 9d. per lb. was dearer by threepence, while shipment rose sixpence to 9s. Chinese ANISE fell by nearly 1s. 6d. per lb. at origin, but spot holders only marked down their offers by sixpence. LEMONGRASS was reduced by ninepence per lb. for spot, bringing the value more into line with the forward position.

ZINC METAL, which during 1963 cost on an average £76 14s. per ton, reached £121 12s. 6d. during the week—the highest price since 1953. In consequence, makers of OXIDE advanced the price by a further £5 per ton. Potas-SIUM IODIDE was reduced by 1s. 6d. per kilo. As forecast last week, MERCURIALS were marked up in sympathy with the higher rates for the metal. The PERhigher rates for the metal. CHLORIDE is now 75s. per kilo against 72s. previously.

#### **Pharmaceutical Chemicals**

ACETANILIDE. — Crystals, one-cwt. lots, 2s. 10d. per lb.; 5-cwt., 2s. 9d.

ADRENALINE.—(Per gm.). Synthetic B.P. 1-kilo lots, 11d.; 500 gm., is 1s. 1d. ACID TARTRATE, B.P., 1 kilo, 7½d.; 500 gm., 9d.

ALOIN. - Micro-crystalline, 14-lb. lots. 34s. per lb.

Antimony salts. — Chloride, sol., b.p.c., 1934, carboys, 5s. 7d. per kilo; flake, 14s. 4d. kilo.

BACITRACIN. — Sterile topical is 53s. per mega unit for 25 m.u.

BARIUM SULPHATE. — B.P. 50-kilo lots, 3s.  $9\frac{1}{2}$ d. per kilo.

BISMUTH SALTS.—Prices (per kilo):

Quantity	5 or 12.5	50	250			
CARBONATE CITRATE OXIDE* SALICYLATE SUBGALLATE SUBNITRATE	45 3 50 0 60 6 44 6 43 6 40 9	44 0 — 43 6 42 6 39 8	43 0 — — — 38 8			

\*12.5 kilo lots.

BORAX.—B.P. grade, 1 ton and upwards: Granular, £54 10s.; crystals, £58; powder, £59; extra fine powder, £60 per ton, all in hessian sacks. Less £1 for paper bags. Commercial from £44 10s. to £51 per ton as to type and packing. Anhydrous borax is £60 per ton in hessian bags or £59 in paper bags; carriage paid in Great Britain. Surcharges for small quantities: Less than 1 ton but not less than 10 cwt., 2s. per cwt.; 5 to 9 cwt., 4s.; 1 to 4 cwt., 8s.

Boric acid.—B.P. grade in 1 ton and upwards (per ton): Granular, £84; crystals, £97; powder, £90 10s.; extra-fine powder, £92 10s. per ton in lined hessian bags, carriage paid in Great Britain. Less

£1 per ton if supplied in paper bags. Technical from £70 to £80 10s. per ton according to type and packing.

Digoxin.—100-gm. lots, 50s. per gm. Gallic acid.—B.P., 10s. 9d. per lb. for 1-cwt. lots; 5-cwt. 10s. 6d.

GLYCERIN.—Chemically pure B.P.:—

	Ov 25 to		5 to an und 25 to	d ler	1 to an und 5 to	d er	Under 1 ton		
TANK WAGONS	s.	d.	5.	d.	s.	d.	s.	d.	
10-14 tons	166	0	_	- 3		-			
5-10 tons	167	6	169	6		-	-		
Drums	l								
5-10 cwt.	170	0	172	0	175	0	181	-0	
$2\frac{1}{2}$ cwt.	172	6	174	6	177	6	183	6	
1 cwt.	174	0	176	0	179	0	185	-0	
Tins									
56 lb.	189	6	191	6	196	6	205	-0	
28 lb.	195	0	197	0	202	0	210	6	
14 lb.	201	0	203	0	208	0	216	6	

Delivery of less than 1-cwt, charged 7s. 6d. extra. Drums charged and returnable. Minimum terms for technical grade glycerin s.g. 1.2627 are 161s. 0d. per cwt. for annual purchases of over 25 tons, in bulk deliveries of 10–14 tons.

GLYCEROPHOSPHATES. — Per kilo in 50-kilo lots: Calcium, B.P.C., 28s. 2d.; IRON, B.P.C.. 33s. 7d.: MAGNESIUM, B.P.C.. RIO 101S; CALCIUM, B.P.C., 28S. 2d.; IRON, B.P.C., 33s. 7d.; MAGNESIUM, B.P.C., 35s. 5d.; MANGANESE, N.F.X., 49s. 7d.; POTASSIUM, 50 per cent., B.P.C., 8s. 6d.; SODIUM, 50 per cent., B.P.C., 5s. 11d. and powder, B.P.C. 1949, 18s. 8d.; GLYCERO-PHOSPHORIC ACID, 20 per cent., 10s. 8d.

GLYCYRRHETINIC ACID.—Per oz., 50s.

HOMATROPINE. — 16-oz. lots (per oz.): ALKALOID, 30s. 6d.; HYDROBROMIDE, 24s. 6d.; HYDROCHLORIDE, 28s. 6d.; METHYLBROMIDE, 25s. 6d. 1-oz. rates are 1s. 6d. per oz. above those rates.

HYDROCYANIC ACID.—Dilute B.P.C. 1954, from 4s. to 4s. 7d. per litre, as to quantity; Scheeles' from 4s. 9d. to 5s. 4d.

HYDROQUINONE.—One-cwt. lots, 10s, per lb., 1-ton, 8s. 6d.

HYOSCINE HYDROBROMIDE.—Per oz. 102s. and per kilo, 3,419s.

Hypophosphites.—Per kilo:—

Quantity	1 kilo	12.5 kilo	50 kilos				
CALCIUM, B.P.C IRON, B.P.C MAGNESIUM	s. d.	s. d.	s. d.				
	17 2	16 1	15 1				
	34 10	33 7	32 5				
	29 3	28 2	27 2				
MANGANESE, B.P.C.	35 3	33 11	32 9				
POTASSIUM, B.P.C.	23 1	22 5	21 4				
SODIUM B.P.C	19 2	18 1	17 1				

IODIDES.—(Per kilo). Potassium, 50-kilo lots, 21s. 6d.; sodium, 28s. 6d. for 25-kilo lots, ammonium, 46s. 6d.

IRON SALTS. — CHLORIDE, B.P.C., 1949, 3s. 1d. per kilo. GLUCONATE, B.P.C., 4s. 9d. 3s. Id. per kilo. GLUCONATE, B.P.C., 4s. 9d. per lb. in 1-cwt. lots; SULPHATE, B.P., crystals, 1-cwt. 70s. per cwt.; 5-cwt. 65s. per cwt.; granular, 2s. 6d. per cwt. extra. PHOSPHATE, B.P.C., 7s. 2d. per kilo. OXIDE RED PRECIPITATED, B.P.C., 1949, 1-cwt., 6s. 3d. per kilo; CARBONATE, SACCHARATED, B.P.C., 1949, 28-lb., 3s. 3d.; 1-cwt., 3s.—AMMONIUM CITRATE, 250-kilos, 8s. 6d., kilo.—QUININE CITRATE, 2s. 4d. per oz. in 100-oz. tin.

ISOPRENALINE SULPHATE. — One-kilo lots, 530s. per kilo; 5-kilos, 510s. per kilo.

Kaolin. — Light, 60s. per cwt.; 1-ton, 57s. per cwt.

57s. per cwt.

Lactates. — Calcium, B.P., 2s. 3d. per lb. in 5-cwt. lots and 2s. 4d. in 1-cwt. lots; Calcium sodium, 4s. 9d. and 4s. 10d. LACTOSE. — B.P. in 1-ton lots packed

in 1-cwt. paper-lined sacks, £129 10s. per ton, delivered in the United Kingdom.

LEAD ACETATE.—B.P. crystals, 4s. 5d. per

MERCURY DERIVATIVES.—Rates (per kilo) for under 50-kilo lots—ammoniated mercury, B.P., powder, 75s.; perchloride, B.P.C., powder, 61s. 6d.; subchloride (calomel), B.P.C., 72s.; oxides, yellow, B.P.C., 74s.; red B.P.C., 1949, 76s.; iodide, B.P.C. 1954 (25-kilo lots) 63s. per kilo; oxycyanide (10 kilos), 129s. per kilo.

METHYL SALICYLATE. — Five-ton 1 3s. 2d. per lb.; 1-ton, 3s. 2½d.; 10-c 3s. 3d.; 5-cwt. 3s. 6d.; 1-cwt. 3s. 8d.

PARACETAMOL. — One-ton lots, 10s. 2d. per lb.

PARAFFINS. — Prices to wholesale distributors per gall.—Liquid: Heavy, B.P., in drums, 8s. 8\frac{1}{2}d. to 8s. 9\frac{1}{2}d. as to quantity: over 500 gall. in bulk, 8s. 7\frac{1}{2}d. Light, B.P., drums, 7s. 1\frac{1}{2}d. to 7s. 2\frac{1}{2}d.; bulk, 7s. 0\frac{1}{2}d. Technical white: Light, 6s. 6d. to 6s. 7d. and 6s. 3d. in bulk; MEDIUM, 7s. 7d. to 7s. 8d., bulk, 7s. 4\frac{1}{2}d. Drums charged and returnable. Soft: Best grades White medium consistency, £116 15s. per ton and soft consistency, £113 7s. 6d. Vellow £94 10s. Other grades (all B.P.) ton and soft consistency, £113 7s. 6d. Yellow, £94 10s. Other grades (all B.P.) at £95, £100 10s., £106 per ton for white and at £74 17s. 6d. for yellow. All in non-returnable drums delivered.

PHOLCODINE.—8-oz. lots, 95s. 9d. per oz. (3,377s. per kilo).

STRYCHNINE. — 100-oz. lots; ALKALOID, 12s. per oz.; SULPHATE and HYDROCHLOR-IDE, 10s. 6d.

Theophylline.— $12\frac{1}{2}$ kilo lots; alkaloid anhydrous, 32s. 3d. per kilo and B.P., 33s. 3d.; aminophylline, 29s. per kilo,  $12\frac{1}{2}$  kilos, 31s. per kilo.

ZINC CARBONATE.—One-cwt. lots, 2s.  $0\frac{1}{2}$ d. per 1b.; 1-ton, 1s. 9d.

ZINC CHLORIDE. -B.P.C. 1954, cake, 15s. 8d. per kilo; sticks, 17s. 3d.

ZINC OXIDE. — Two-ton lots, B.P. grade are now £138 per ton; 1 ton, £139.

ZINC PEROXIDE. — One-cwt. lots of B.P. 5s. 3d. per 1b.

ZINC SULPHATE.—B.P., 50 kilos, 3s. 6½d. per kilo.

Methylated Spirit

METHYLATORS' rates per bulk gall. in Great Britain are as follows:

INDUSTRIAL METHYLATED SPIRIT: Strength 61 o.p., 500 gall. and over, 5s. 1d.; 100 gall. and under 500 gall., 5s. 6d.; 40 gall. and under 100 gall., 5s. 11\frac{1}{2}d.; 10 gall. and under 40 gall. 6s. 5\frac{1}{2}d.; 10 gall. and under 10 gall., 6s. 11\frac{1}{2}d. Strength 64 o.p., halfpenny per gall. more than the above rates; 66 o.p. (B.P.), one penny more; 68 o.p., 3\frac{1}{2}d. more with 74 o.p. at 5s. 10\frac{1}{2}d.; 6s. 9d.; 7s. 3d. and 7s. 9d. for similar quantities. Tank wagon delivery is 2d. per gall. off list price—minimum 500 gall. For industrial methylated spirit of perfumery quality prices are from 6s. 6d. (tank wagon) for 500 gall. to 8s. 0\frac{1}{2}d. (10 gall. drums) for 64 o.p. INDUSTRIAL METHYLATED SPIRIT: Strength

MINERALISED METHYLATED SPIRIT: Strength 64 o.p., in one delivery 500 gall. upwards, 5s. 5½d. in drums; 100 gall. and under 500 gall., 5s. 10½d.; 40 gall. and under 100 gall., 6s. 4d.

Pyridinised industrial methylated spirit: Strength 66 o.p., 500 gall. and over, tank wagon delivery, 5s. 3½d.; 500 gall. in 40-gall. drums, 5s. 5½d.; 100 gall. and under 500 gall. (in drums), 5s. 10½d.; 40 gall. and under 100 gall., 6s. 4d.; 10 gall. and under 40 gall., 6s. 10d.; 5 gall. and under 10 gall., 7s. 4d.

#### Crude Drugs

AGAR. — Kobé No. 1, 12s. 3d. per lb. n bond; May-June shipment 12s., c.i.f. Spanish, 15s. duty paid, nominal.

ALOES. — Primes, 250s. per cwt. spot. Extra primes 245s., c.i.f. for shipment. Curação, spot, 285s.

ANISE. — Chinese STAR, 165s. per cwt. spot, duty paid; f.a.q. for shipment, 115s.,

ARROWROOT.—St. Vincent from 1s. 3d. to 1s. 6d., as to grade.

BALSAMS. — Per lb.: CANADA: Spot 19s. 6d. to 23s. 6d. COPAIBA: B.P.C. grade 9s. 6d. PERU: Spot, 8s. 6d. Tolu: B.P., from 11s. to 30s.

BELLADONNA. — HERB, 3s. 9d. per lb. ROOT, Is. 7d. per lb.

BENZOIN. — Sumatra block spot from £22 to £40 per cwt, as to quality.

BUCHU. — Spot value, 4s. 9d. pcr lb.; new crop for shipment 4s., c.i.f.

CALAMUS. — Root, 100s. per cwt., spot, 87s. 6d., c.i.f.

CALUMBA. — Root offered at 160s. per cwt. spot.

CAMPHOR. — B.P. powder spot, 6s. in bond; shipment, 5s. 6d. per lb., c.i.f.

Cascara. — Spot, 240s. per cwt.; shipment, new crop, indicated at 225s., c.i.f.

CASSIA.—Fistula, 105s. per cwt. landed; lignea (whole), for prompt shipment, 190s., c.i.f.; selected broken, 180s., c.i.f.

CHERRY BARK. — Thin natural, 1s. 11d. per 1b.; shipment, 1s. 10d., c.i.f.

CHILLIES. — Zanzibar, nominally 225s, per cwt. spot; shipment, 210s., c.i.f. Mombasa spot, 175s.; shipment, 160s., c.i.f.

CINNAMON. — QUILLS, Ceylon (per lb., c.i.f.): 4 O's, 9s. Id.; single O, 7s. 3d.; quillings, 5s. 5d. BARK, Seychelles, 90s. cwt. spot.

CLOVES. — Zanzibar spot 2s. 10½d. per lb. standard grade; shipment, 2s. 7d., c.i.f.

COCHINEAL, — Silver-grey Canary Isles, 20s. per lb. Peruvian, 15s. per lb., both spot nominal.

COCILLANA.—Bark 1s. 8d. per lb. on the

COLOCYNTH PULP. — For May–June shipment, 3s. 4d. per lb., c.i.f.

Digitalis.—Pupurea leaves, 2s. 6d. per b.

ELEMI. — Spot, 1s. 11d. per lb.; shipment, not offering.

Ergot. — Portuguese, 8s. 3d. per lb. spot and 8s., c.i.f.

GENTIAN. — French or Spanish root scarce at 185s. per cwt. spot; French for shipment, 185s., c.i.f.

GINGER.—(Per cwt.) African, spot, 320s. per cwt.; shipment, 280s., c.i.f. Jamaican No. 3 spot, 725s.; new crop, May–June, 580s., c.i.f. Cochin spot, 325s. to 335s. Shipment, 300s.

GUM ACACIA.—Kordofan cleaned sorts, 170s. per cwt. spot; May-June shipment, 153s., c.i.f.

HONEY. — (Per cwt.). Australian light amber, 157s. 6d. to 160s. and medium amber, 155s. to 157s. 6d. Argentine, 160s. to 165s.; Canadian, 187s. 6d. to 192s. 6d.; Mexican, 155s. to 160s., all ex warehouse.

IPECACUANHA.—Matto Grosso for shipment, 63s. per lb., c.i.f. and spot (total alkaloids 2·16 per cent.), 68s, per lb. Colombian, 67s., c.i.f.; spot (t.a. 2·38 per cent.), 71s. Costa Rican, 91s. 6d., c.i.f.; spot (t.a. 3·15 per cent.), 96s.

KARAYA. — No. 1 gum, spot, 400s.; No. 2, 335s. per cwt.

Lanolin. — Anhydrous B.P. is from 1s.  $8\frac{1}{2}d$ , to 1s.  $10\frac{1}{2}d$ , per 1b. in 1-ton lots delivered free drums.

Lemon PEEL.—Spot, 1s. 6d. to 2s. 3d. per lb. according to quality.

Linseed. — Whole, 72s. 6d. per cwt.; crushed, 110s.

LIQUORICE. — Natural root: Russian 65s. per cwt.; Anatolian, 60s.; Anatolian decorticated, 170s. Block juice: Anatolian, 192s. 6d. per cwt.; Italian stick from 400s. to 475s. per cwt.

LOBELIA. — Herb, 8s. 6d. per lb., spot; Dutch, 4s. 6d. to 5s. 6d.

MACE.—Whole, pale blade, 14s. 6d. per lb. on the spot. Shipment, 14s. per lb. f.o.b.

PEPPER.—White Sarawak spot, 2s. 11½d. to 3s. 2d. per lb.; shipment, 2s. 10½d., c.i.f. Black Sarawak spot, 2s. 6½d.; shipment, 2s. 4½d., c.i.f. Black Malabar is nominally 317s. 6d. per cwt., c.i.f., and 340s., spot.

Podophyllum.—Spot per cwt.: *Emodi*, 230s.; *Peltatum*, 255s., spot.

Quassia.—Spot, 57s. 6d. pcr cwt.

RAUWOLFIA.—Indian Serpentina, 11s. 6d. to 12s. per lb., c.i.f.

RHUBARB.—Chinese spot, small parcel of 80 per cent. pinky, 15s. 6d. per lb. landcd.

Sarsaparilla. — Jamaican native red spot, 3s. per lb.; shipment, 2s. 8d., c.i.f.

spot, 3s. per lb.; shipment, 2s. 8d., c.i.f.

SEEDS. — (Per cwt.). ANISE.—Spanish,
227s. 6d., duty paid. CARAWAY.—Dutch,
157s. 6d., duty paid. CELERY. — Indian,
145s. 6d., spot; shipment, new crop for
June-July, 142s. 6d., c.i.f. CORIANDER.—
Moroccan spot, 55s., duty paid, sellers;
shipment current crop, 44s., c.i.f.; and
new crop, June-July, 45s., c.i.f. CUMIN.
—Moroccan, 210s.; Iranian, 230s., both
duty paid; shipment, Moroccan, 155s.,
c.i.f.; Iranian, 200s., c.i.f. Dtl.—Indian,
87s. 6d., spot; shipment, 77s. 6d., c.i.f.
FENNEL. — Indian, 150s. spot, nominal;
shipment quoted at 135s., c.i.f. FENUGREEK. — Moroccan, 49s. 6d., duty paid
sellers; shipment, 37s. 6d., quoted. MusTARD.—English, 45s. to 60s., according to
quality.

SENEGA.—Washed, 21s. 6d. per lb. on the spot.

SENNA. — (Per lb.). Tinnevelly LEAVES spot: Prime No. 1, 2s. 3d.; prime No. 2, 1s. 9d.; No. 3, f.a.q. spot, 1s. 4d. Shipment, dry crop, 1s. 1½d., c.i.f. Pods: hand-picked: Tinnevelly, 3s. 2d.; manufacturing, 2s. 2d. spot; shipment 1s. 9d., c.i.f. Alexandria Pods: hand-picked scarce with only odd lots at prices according to grade: manufacturing, 3s.

SQUILL. — Italian nominal; Indian 80s. per cwt.

STRAMONIUM. — Continental LEAVES 85s. per cwt, spot.

STYRAX. — Spot, 18s. 6d. per lb.; shipment, 17s. 6d., c.i.f.

Tonquin Beans.—Para, spot, 5s. per lb.; shipment, 4s. 6d., c.i.f.; Trinidad, 6s. spot.

Tragacanth. — No. 1 ribbon, £190 to £195 per cwt. No. 2, £180, spot.

TURMERIC. — Madras finger in short supply, spot quoted at 240s. per cwt.; shipment now leaving origin quoted at 137s. 6d., c.i.f.

VALERIAN ROOT. — Spot: East European, 175s., per cwt.; Indian, 175s. Shipment: Continental, 172s. 6d. to 214s., c.i.f.

Vanillin.—Rates (per lb.) are now:—5-cwt. lots, 21s. 6d.; 1 cwt., 21s. 9d.; 56-lb., 22s.; small quantities, 22s. 6d.

Waxes. — (Per cwt.): Bees'.—Dar-es-Salaam, spot, 450s.; shipment, 435s., c.i.f. Sudanese, spot, 395s., in bond; shipment, 390s., c.i.f. Candelilla, spot, 465s.; forward, 460s. landed. Carnauba, fatty grey, spot, 300s.; shipment, 297s. 6d., c.i.f.; prime yellow, spot, 755s.; shipment, 765s., c.i.f.

WITCH HAZEL LEAVES.—Spot quotations are 2s. 6d. per lb.

#### **Essential and Expressed Oils**

Almond.—Imported sweet oil is 6s. 9d. per lb., spot.

AMBER.—Rectified on the spot, 1s. 6d. per lb.

Anise.—Chinese, 12s. per lb., spot; shipment, 9s. 6d., c.i.f.

BAY.—West Indian about 25s. per lb. on the spot.

BERGAMOT.—Spot about 8s. per lb.

Bois DE Rose.—Brazilian, 19s. 6d. per lb. on the spot; shipment, 18s. 6d., c.i.f. Cade.—Spanish from 2s. per lb. for drum lots.

CAJUPUT.—Spot, from 10s. per lb.

CAMPHOR, WHITE. — Chinese, 2s. 6d. duty paid, per lb.; shipment, 1s. 10d., c.i.f.

CARAWAY.—Imported oil, 36s. to 40s. per lb.; English, 60s.

Cassia.—Spot, 35s. per lb.

Celery seed. — Quotations are from 116s. pcr lb.

CHAMOMILE.—Small lots 640s. per lb.

CHENOPODIUM.—About 40s, per lb. in original containers.

CINNAMON.—Best English-distilled, 720s. per lb.; other B.P. oils from 22s. to 120s. per lb. Ceylon leaf, 13s.; Seychelles from 7s. 6d., spot.

CITRONELLA. — Ceylon spot, 11s., shipment, 10s. 9d. per lb., c.i.f. Formosan, 5s. 6d. in bond; May-June shipment, 5s., c.i.f.; Chinese, 5s. 6d., in bond, 5s. 1½d., c.i.f.

CLOVE.—Madagascar leaf spot, 7s. 4½d. per lb., duty paid; shipment, 6s. 4½d., c.i.f. Rectified 87–88 per cent., 12s. Distilled bud-oil. English: B.P., 26s. per lb. for 1-cwt, lots.

CORIANDER. — Russian oil, from 35s. to 40s. per lb., spot.

Cubeb.—Spot supplies of imported are 85s. per lb.

Cumin.—English distilled oil, 130s. per lb.; imported, 90s.

DILL.—Imported, 31s. per lb., spot.

GINGER. — Imported: Indian, 150s, per lb.

LAVANDIN.—From 20s, to 27s, per lb. as

to quality.

LAVENDER.—Spot, 25s. to 35s. per lb.

as to quality.

LAVENDER SPIKE. — Firm. Spanish, 18s. 6d. to 20s. per lb.

Lemongrass.—Spot, 10s. 3d. per lb.; shipment. 9s., c.i.f.

LIME. — West Indian distilled 58s, per lb, on the spot,

PATCHOULI.—Penang is 22s. duty paid and 18s., c.i.f., per lb.

Peppermint. — Arvensis: Chinese spot, 8s. 9d.; shipment, 8s. 9d., c.i.f. Brazilian spot, 8s. 9d.; shipment, 9s., c.i.f. Piperita: Italian, 48s. to 70s., spot. American from 31s. per lb. as to make.

Petitgrain. — Paraguay, 16s. per lb., spot; shipment, 15s., c.i.f.

#### UNITED STATES REPORT

NEW YORK, MAY 12: A half-cent reduction in Hydrogen peroxide lowered the price for the 35 per cent. to 18.7 cents a lb., and the  $27\frac{1}{2}$  per cent. to 15.2 cents. U.S.P. grade ZINC OXIDE rose a half-cent. to  $17\frac{1}{4}$  cents a lb. Higher also was Brazilian Menthol at \$3.75 (up to 10 cents a lb.). Stramonium Leaves at 15 cents per lb. were up one cent. Belgian Valerian eased by two cents to 30 cents a lb. IPECACUANHA declined to \$10.50 a lb. (down \$1.25). SPIKE LAVENDER OIL rose 10 cents to \$2.85 a lb. and East Indían Sandalwood advanced 25 cents to \$17.50.

#### MARKS TRADE

#### APPLICATIONS ADVERTISED BEFORE REGISTRATION

From the "Trade Marks Journal," April 22

For all goods (3)

BIDINETTE, 843,522, by Ed. Geistlich Söhne, A.G. fur Chemische Industrie, Lucerne, Switzerland, SOLIX, 852,147, by Unilever, Ltd., Port Sunlight, Ches. NURELLE, 854,721, by Dow Chemical Co., Midland, Michigan, U.S.A. For shampoos in liquid form for use in colouring the hair (3)

TINTETTE, B833,658, by L'Oreal, Paris, France.

For liquid preparations for laundry use (3)
Device with words DIP DOP, B843,684, by Aspro-Nicholas, Ltd., Slough, Bucks.

For cosmetics, none being in liquid form (3) MISTY, 847,074, by Saga (Plastics), Ltd., London, E.8.

For perfumes, cosmetics, non-medicated toilet

preparations, hair lotions and toilet soaps (3) MAX FACTOR, 849,115, by Max Factor & Co., Hollywood, California, U.S.A.

For preparations for the skin, none being medicated (3)

QUINTESSE, B851,201, by American Home

Products Corporation, New York, U.S.A.
For preparations for the hair, shampoos, sachets containing bubble bath preparations (not medicated) for toilet purposes, cosmetic creams, talcum powder and carpet cleansers (3) ROSEDALE, 852,026, by Rosedale Products,

Ltd., London, E.5.

For all goods, but not including essential oils (3) IVY, 852,488, by Colgate-Palmolive, Ltd., London, W.1.

For powders and creams, all being non-medicated toilet preparations for babies; brilliantine, hair lotions, bath salts (not medicated) for toilet purposes, non-medicated toilet lotions for the hands, and perfumes (3)

BRISTOW'S AUDREY, 854,273, by County Laboratories, Ltd., Brentford, Middlesex. For artificial sweetening substances (1) and for

medicines and pharmaceutical preparations (5)

Device with word SANKYO, 853,134, 853,133, by Sankyo, K.K., Tokyo, Japan.

For non-medicated toilet preparations for appli-

cation to the skin (3)

LORANNE SKIN SECRET, 855.164 Thomas Christy & Co., Ltd., Aldershot, Hants. For perfumes, toilet preparations (not medicated), cosmetic preparations, and dentifrices (3) BONGO, 859,747, by Jean Sorelle, Ltd., Lon-

don. N.4.

For biochemical preparations containing inorganic salts in homeopathic amounts, for medicinal

NEW ERA, B828,243, by New Era Laboratories, Ltd., London, E.C.1.

For pharmaceutical preparations for the treatment of spinal disc injuries (5)

VERTEBRAN, B848,899, by Dr. Rentschler & Co., Fabrik Chemisch-Pharmazeutischer Praparate, Laupheim/Wuerttemberg, Germany.

For deodorants and anti-perspirants (5) EVETTE, B849,125, by E. R. Holloway, Ltd., Welwyn Garden City, Hert, and F. W. Woolworth & Co., Ltd., London, N.W.1.

For urinary anti-spasmodic sedatives being phar-

maceutical preparations (5)
URALGIC, 853,407, by Warner-Lambert Pharmaceutical Co., Morris Plains, New Jersey,

For pharmaceutical preparations and substances for treatment of the blood or of hæmorrhoids (5) HEMOGEX, 853,439, by Pharmax, Ltd., Bexleyheath, Kent. For air fresheners (deodorants), insecticides, her-

bicides, and disinfectants (5)

PLEDGE, 855,129, by S. C. Johnson & Son, Inc., Wisconsin, U.S.A.

For medicated plasters (5)

VERICAP, 856,501, by Cuxson, Gerrard & Co., Ltd., Oldbury, Worcs.

For all goods (5)

or all goods (5)
INPOL, 853,574, by Cela Landwirtschaftliche Chemikalien, G.m.b.H., Ingelheim-on-Rhine, Germany. ARMOFIL, 856,298, by Armour Pharmaceutical Co., Chicago 1, Illinois, U.S.A. THIFUREX, 857,108, by Hodges & Moss, Ltd., Shrewsbury. SALMOCID, 858,367, by

Ed. Geistlich Söhne, A.G. für Chemische Industrie, Lucerne, Switzerland, DULSILS, dustrie, Lucerne, Switzerland, DULSILS, 860,418, by Boots Pure Drug Co., Ltd., Nottingham

For pharmaceutical preparations for the treatment of diabetes (5)

GONDAFON, 856,521, by Schering, A.G., Berlin 65 (West), Germany.
For pharmaceutical and veterinary preparations (5)

METERMAST, 857,780, by Chas. Pfizer & Co., Inc., New York, U.S.A.

or antibiotic preparations (5) VELCICLOR, 857,944, by E. R. Squibb & Sons, Ltd., Twickenham, Middlesex.

For veterinary preparations (5) FIDCO, 858,226, by Società Farmaceutici Italia, Milan, Italy.

For pharmaceutical preparations and substances (5) OAC, 858,741, by Aspro-Nicholas, Ltd., Slough, Bucks. ANULOIDS, 859,694, by Sterling-Winthrop Group, Ltd., Surbiton, Surrey.

For pharmaceutical preparations and substances for human and veterinary use (5)
PARENABOL, 859,049, by CIBA, Ltd., Basle,

Switzerland. SYNTARIS, 860,285, by Syntex Corporation, Panama.

For pharmaceutical preparations and substances for human use (5)

DIOLYN, 859,042, by Organon Laboratories, Ltd., Morden, Surrey.
or preparations for killing weeds (5)

DEXTRONE, 859,875, by Chipman Chemical Co., Ltd., London, S.W.1.

For electric, electronic, scientific and control instruments; geodesic instruments; photographic and optical instruments; measuring instruments and signalling instruments (9)

MICROMET, B845,084, by Manufacture des Montres Rolex, S.A., Bienne, Switzerland.

For scientific apparatus and instruments, optical and measuring apparatus and instruments, and parts and fittings (9)

ESSEL, B846,048, by Société des Lunetiers, Paris 3e. France.

For photographic and cinematographic projection

apparatus and parts and fittings (9)
Device with words SPACIAL PROCEDE A.
MATAGNE, by Alfred Matagne, Liége,

For photographic apparatus and parts and fittings (9)

COSMIC, 852,927, by Technical & Optical Equipment (London), Ltd., London, W.C.2.
For containers adapted for sorting slides and films, all for photographic and cinematographic

BOOTS EDISORTER, 854,256, by Boots Pure

Drug Co., Ltd., Nottingham, or filters for laboratory use (9) WEBRON, 854,837, by Bury & Masco Industries, Ltd., Rossendale, Lancs.

For scientific and electrical apparatus and instruments; measuring and checking (supervision) apparatus and instruments (9)

STEVI, 856,010, by Sperry Gyroscope Co., Ltd., Brentford, Middlesex.

For orthopædic footwear and foot arch supports (10)

Device with word and letter PROTHOS O, 857,191, by Schuhfabrik Low, A.G., Oberaach, Switzerland.

For surgical, medical, dental and veterinary in-

bevice with words REWARD BRAND, 858,142, by Institution Supplies (Leeds), Ltd., Leeds, 1.

For combs and sponges: brushes, etc. (21) COLLO SINBAD, B853,610, by Collo-Rheincollodium Köln, G.m.b.H., Bonn, West Germany.

For baby pants (25)

KLEINERT'S SNAPPIPANTS, 857,879, by I. B. Kleinert Rubber Co., New York 17, U.S.A.

From the "Trade Marks Journal," April 29 For chemical products for use in laboratory dlagnosis (1)

Device with words MINO-TEST, 850,381, by C. F. Boehringer & Soehne, G.m.b.H., Mannheim-Waldhof, Germany.

For perfumes, non-medicated toilet preparations,

cosmetic preparations, dentifrices, depilatory pre parations, toilet articles (not included in othe classes), sachets for use in waving the hair shampoos, soaps and essential oils (3)
FANTASY, 859,870, by Morny, Ltd., Perivale Middlesex, and London, W.1.

For synthetic resins and chemical substances fo making and preparing synthetic resins (1)
CHEM-O-THANE, 855,384, by Chemice

Products Corporation, East Providence, Rhod Island, U.S.A.

For chemical compositions made from or containing oxide of beryllium for use in the manufac ture of ceramic coating compositions (1)

BERYCER, 857,081, by Compagnie Général d'Electro-Céramique, Paris 8e, France, For chemical products used in industry; chemica

products used in agriculture, horticulture an forestry; and manures (natural and artificial) (1 Device, 857,382, by Sampson Holdings, Ltd

Chichester, Sussex.

For fertilisers for agriculture and for hort culture (1)

FARMURA, 858,295, by William Keith Murra Sinclair, Rockcliffe, by Dalbeattie, Scotland. For powder compacts and compressed powde refills therefor (3)

Device with letter R, B810,806, by Revlor Inc., New York, U.S.A.

For all goods (3)

Device with word ANTOINE, B814,953,

Cooper, McDougall & Robertson, Ltd., Berkhampsted, Herts. BIC, 855,900, by Boots Pur Drug Co., Ltd., Nottingham.

For cosmetic preparations, perfumes, non-med cated toilet preparations and toilet soaps, all for men, but not including preparations for th

Device with words DOBB'S FOR MEN 837,025, by Dobb's of London, Ltd., London

For dentifrices, perfumes, non-medicated toil

preparations, cosmetics and soaps (3) ORATOL-SIDUS, 846,618, by Silva Magalhaes, Lisbon, Portugal, Daniel d

For all goods, but not including abrasive clot

or paper or any goods of the same description (5
Devices with words KOSHER FOR PASS
OVER, 848,475, STRICTLY KOSHER
848,478, by Lloyd Rakusen & Sons, Ltd 848,478, Leeds, 7. For cleaning, polishing and scouring preparations

and abrasives (3)
ALUFUSED, 853,820, by Cawood Wharton Co., Ltd., London, S.E.7.

For cosmetic preparations for forming artificie

finger nails (3)
NUPONT, B855,510, by William Murra

Nimmo, Falkirk, Stirlings. For preparations (not being disinfectants) for us

in the cleaning and unblocking of drains (3) Device with word DRANO, B848,628, Drackett Co., Cincinnati, Ohio, U.S.A.

For preparations for cleaning natural and artificial teeth (3)

DENTIFROSH, 855,841, by Universal Labora tories, Ltd., Sandwich, Kent.

For all goods (3) and (5)
Devices, 857,062, 857,068, 857,063, 857,065
by Crookes Laboratories, Ltd., Londor N.W.10.

For dentifrices; and non-medicated toilet pre parations for the mouth and gums; all containin fluorine (3) and for medicated preparations fo the treatment of the teeth, mouth and gums all containing fluorine (5) FLUORODIX, 858,408-09, by County Labora

tories, Ltd., Brentford, Middlesex.

For dentifrices: and non-medicated toilet pre parations for the mouth and gums (3) and fo

medicated preparations for the treatment of th teeth, mouth and gums (5) FLURODEX, 858,410 - 11, FLURODIX 858,412-13, by County Laboratories, Ltd. 858,412-13, by Cou Brentford, Middlesex.

For optical apparatus and instruments (9) METAL LUX, 857,620, by British America

Optical Co., Ltd., Watford, Herts. For photographic, cinematographic and optica

apparatus, and parts and fittings (9) EKTON, 860,822, by Kodak, Ltd., London

W.C.2.

#### PRINT AND PUBLICITY

PRESS ADVERTISING

BOURIOIS, LTD., 2 Old Bond Street, London, W.1: Soir de Paris, In Woman, Woman's Own, Woman's Mirror, Honey, Vanity Fair and She

BRITISH OXYGEN Co., LTD., Hammersmith House, London, W.6: Sparklets soda syphons. In Sunday Times colour magazine and trade, weekly and monthly magazines.

Meckey and monthly magazines,
DENDRON DISTRIBUTORS, LTD., 94 Rickmansworth
Road, Watford, Herts: Spray-tan, In Daily
Mirror, Daily Express, Daily Telegraph and
Reader's Digest.

GOLDEN, LTO., Berkeley Square House, Berkeley Square, London, W.1; Color-glo and Color-match hair colouring, Elnett hair spray and L'Oreal hair bleach. In women's weekly and monthly magazines and in daily and Sunday Press,

KIMBERLY-CLARK, LID., Larkfield, nr. Maidstone, Kent: Delsey flat packs, In Woman, Woman's Own, Woman's Mirror, Woman's Realm and

Woman and Home.
ICHOLAS PRODUCTS, LTO., 225 Bath Road,
Slough, Bucks: Aspro, In Woman, Woman's
Own, Woman's Realm, Woman's Mirror,
Woman's Weekly, Woman and Home, Good NICHOLAS Housekeeping, Vanity Fair, She, Honey, News of the World, People, Sunday Mirror, Sunday Express, Daily Mirror, Daily Express and Daily Mail.



DISPLAY PACKS: Above: Display outer by

Smith Kline & French Laboratories, Ltd., Welwyn Garden City, Herts, for Eskamel spot and pimple treatment. Left, a counter display unit for Optrex products by Keldon, Ltd., Wads-worth Road, Perivale, Middlesex.

#### NOTES ON ANIMAL MEDICINES

CANILEP-DD, -A double dosc combined vaceine for the immunisation of puppies against canine distemper, canine hepatitis and two types of eanine leptospirosis. At the age of eight to nine weeks many puppies lose their natural immunity to distemper and allied diseases, Some, however, retain the antibodies for a longer time and in such cases inoculation at that age is not satisfactory because the antibodies interfere with the multiplication of the injected live virus and immunity does not develop. Canilep-DD has been developed to provide protection for the great majority of puppies, The first dose, given at eight weeks, covers the need of those puppies free from maternal antibodies: the second dose, given at eleven weeks, will protect those in which the antibody level has fallen sufficiently to allow the development of a protective response. Each dose of vaccine eontaining distemper (egg-adapted living), hepatitis (killed), leptospirosis (killed L, canicola and L. icterohæmorrhagica) components is given by subcutaneous injection.

FURASOL.—A water soluble premix containing 20 per cent, furaltadone for the preparation of medicated drinking water to be used in the treatment of bacterial infections in poultry. The nitrofuran drugs find useful applications as systemic antibacterials in the control of such poultry discases as coli septicæmia, pullorum disease, fowl typhoid, salmonellosis and the secondary infections which accompany respiratory diseases. Furaltadone is a new member of the series with the advantage of being water soluble, It can thus be administered in the drinking water immediately symptoms appear. Drinking water containing 0.04 per eent, of drug is made the only drinking source and treatment is usually continued for ten days. Birds being vaccinated against fowl pest are unaffeeted by treatment, but it is advisable not to administer the drug during the week before, and for three weeks after, vaccination against fowl typhoid in order to ensure the development of full immunity.

NUVAN.—An acrosol formulation containing 0.4 per cent, dichlorvos for the control of ticks. fleas and lice on dogs, Dichlorvos (2,2-dichlorovinyl dimethyl phosphate or DDVP) is a powerful contact and fumigant organo-phos-

phorus insecticide having the properties of volatility and low mammalian toxicity, Whereas in mammals it forms a complex with cholinesterase which is temporary and readily hydrolysed, the complex formed in insects is persistent so that the pests are killed both by acute doses, and cumulatively, by repeated small amounts. The whole body, except the eyes, is treated with the aerosol, about fifteen seconds being adequate for a large dog, Bedding and kennels are also treated. Rubber gloves should be worn when using the aerosol, Excessive exposure to dichlorvos may give rise to vomiting, diarrheea, salivation, tremors and convulsions in which case the animal should be given subcutaneous dose of 2 mgm, of atropine sulphate, repeated in eight hours if necessary.

SERNYLAN.—Composition: Pheneyelidine hydroehloride in a sterile aqueous solution, Phencyelidine has a depressant action on the centres of sensory perception in the central nervous system, Within a few minutes of its adminis-tration animals become disorientated, their apprehension is allayed and they are not fully eonseious of stimuli and surroundings although simple spinal reflexes are not completely climinated. Some degree of analgesia and anæsthesia may also be produced. With this unique action, phencyclidine is used in veterinary practice to eontrol animals which require considerable restraint. After a single injection, animals become more amenable to handling for manipulations and examination of wounds and painful parts. In many species, premedication with phencyclidine before general anæsthesia enables smaller doses of the anæsthetic to be used. As a safety measure it is important that treated animals are alive for at least three days after the last dose before meat, milk or eggs from them can be used for human consumption.

#### COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of inscrtion.

#### Tuesday, May 19

WEST KENT BRANCH, PHARMACEUTICAL SOCIETY, New Hackwood hotel, Widmore Road, Bromley, at 8 p.m. Annual meeting, Dr. K. Wibberley (School of Pharmacy, University of London) on "The Teaching of Pharmacy."

WEST MIODLESEX BRANCH, PHARMACEUTICAL SO-CIETY, Vestry hall, Ranelagh Road, Ealing, London, W.5, at 8 p.m. Speaker from Kodak,

#### Wednesday, May 20

MANCHESTER PHARMACEUTICAL GOLFING SOCIETY, Hazel Grove golf club, Hazel Grove, Stockport,

Medal play for Ucal trophy and prize.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, 17

Bloomsbury Square, London, W.C.1, at 10

a.m., and Connaught rooms, Great Queen

Street, London, W.C.2, at 8 p.m. Annual meeting.

#### Thursday, May 21

Oxfordshire Branch, Pharmaceutical Society Martyr's Memorial, St. Giles, Oxford, at 1.30 p.m. Visit to Eli Lilly & Co., Ltd. (seats booked with R. J. Richardson, 59 Woodstock Road, Oxford).

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, Connaught rooms, Great Queen Street, London, W.C.2, at 10 a.m. Branch Representatives meeting.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, 17 Bloomsbury Square, London, W.C.1, at 7.30 p.m. Professor P. F. D'Arcy (professor of pharmaeology and dean, faculty of pharmacy, University of Khartoum) on "Pharmacy and Pharmaceutical Education in a Developing Country - The Sudan.'

#### Saturday, May 23

BRITISH WEEK, Düsseldorf, Western Germany. Until May 31.

#### Sunday, May 24

SOUTH MIDLAND CHEMISTS' GOLFING SOCIETY, East Berks golf club, Crowthorne, Berks, Play for a new trophy.

## COMMERCIAL TELEVISION

Figures in these columns represent the number of appearances of the "spot" during the week

May 24-30	London	Vlidland	North	Scotland	Wales	South	Vorth-east	Anglia	Ulster	Westward	Border	Grampian	Eireann	Channel Is.	W.&N.Wales
Alka-Seltzer	5	2	5	2	5	5	_	.5	5	5	5	2	5	5	5
Anadin tablets	3	3	2	1	4	2	2	2	1	1	—	2	_	_	_
Andrew's liver salt	2	1	3	1	3	2	.3	3	4	3	3	2	_	-	_
Anne French preparations	1	1	_	_	1	_	1	$\overline{}$	_	-	_	_	_	_	-
Askit powders and tablets	_	_	—	14	-		_	_	_	—	.5	3	_		_
Baby Bunty products	_	_	—		_	_	—	—	3	_	-	$\overline{}$	—	-	
Beecham's powders	.3	4	3	3	3	3	3	.3	3	3	2	2	_	4	_
pills	_		_	_	1		1	_		1		_	_	_	_
Bisodol	5	_	$\overline{}$		—	—		_	_	_	_	_	_	_	
Cutieura preparations	—	2	2	_		_	—	_	_	_	_	_	_	_	_
Dentu-creme	2	2	1	2	2	2	1	2	1	2	2	1		1	_
Dinneford's magnesia		_	- 1		_	_	_	_	_	_		_	_	_	_
Germolene	2	2	2	.3	2	2	2	2	2	2	_	2	_	_	_
Gillette razor blades	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Immac	1	2	2	_	_	_		1				_	_		
Imperial Leather toilet soap	2	3	2	9	2	2	3	2	2	2	2	8	_		_
Matey	_	_	_	_		2	_	_	_	_		_			_
Mavala scientifique			—	_		2	_	_				_	_	_	
Milk of Magnesia tablets	2	2	2	2	2	2	2	2	2	2	2	2	_	2	_
Moorland tablets	_		4	_	_	_	_	_		_		_		_	
Mum body spray	2	1	1	2	2	1	1	2	1	- 1	_	1	_		_
rollette	2	1	_	1	1	1	1	1	1	_		1	_	_	-
Parador floral disinfeetant	—	_	.3	_	_	_	_	_	_	_	_		_		
Phyllosan	.3	3	3		3	3	3	3			_	_	_	_	—
Poligrip		_	_		_	1		_	_	_	_	_	_	_	
Racasan mothstrip	3	_	_	_	_	_		_				_	_	_	_
Rennies	3	3	3	3	3	3	3	3	_	3	3	3	3	3	_
Rinstead pastilles	1	_	1	1	_	1	1	1	1	1	1	1	_	_	_
Setlers	1	2	2	2	2	1	2	2	2	_	_	_			_
Spanish olive oil	_	_	_	_	3	_	_	_	_	_	_	—	—	_	_

#### **NEW COMPANIES**

P.C .= Private Company, R.O .= Registered Office.

BARNES & GABBEY, LTD. (P.C.).—Capital 5,000. To carry on the business of chemists, etc. Directors: Justina A. Barnes, M.P.S., and Hugh P. Gabbey, M.P.S. R.O.: 84 Haldens, Welwyn Garden City, Herts.

BRANKSOME LABORATORIES, LTD.

BRANKSOME LABORATORIES, LTD. (P.C.).—Capital £100, To carry on the business of manufacturers of and dealers in cosmetics, etc. Directors: Gladys M. Peach and Marlene P. E. Sheppard. R.O.: 1 & 2 St. George Street, London, W.I.

BROOKS DRUG STORE, LTD. (P.C.).—Capital £1,000, To carry on the business of shemical displacement of the processor of the complex of the street of the st

chemists, druggists and photographers, etc. Subscribers: J. P. Davisson, 65A Fenchurch Street, London, E.C.3, and Patrick I. Charles. CHURCHILL'S PHARMACY (CHISWICK).

LTD. (P.C.).—Capital £100. Subscribers: Mayis

Place, London, W.1.

COBROOK, LTD. (P.C.).—Capital £100. To carry on the business of wholesale and retail chemists, etc. Subscribers: Stanley H. Lucas and Francis A. Dean, both of 6 Surrey Street, London, W.C.2. R.O.: 6 Surrey Street, London. W.C.2.

CORTINA CHEMICALS, LTD. (P.C.). — Capital £100. Subscribers: Shirley Hart and Averill Hart. R.O.: 19 Upper Brook Street, London W.1.

FIELDING LORD, LTD. (P.C.). — Capital £1,500. To carry on the business of chemists, druggists, opticians, etc. Subscribers: Hugh R. F Thompson and Arthur E. Limehouse. R.O.: 24 Market Place, Rugby, Warwicks.

HOWARD BATE, LTD. (P.C.).—Capital £5,000. To acquire the business of F. Howard Bate carried on at Ottery St. Mary: carry on business of chemists, druggists, etc. Directors: Frank H. Bate, M.P.S., and Margaret E. Bate.

R.O.: 3 Broad Street, Ottery St. Mary, Devon. FINCHAM'S (CHEMISTS), LTD. (P.C.).—Capital £3,000. To carry on business as wholesale and retail chemists, opticians, etc. Directors: Raymond W. D. Fincham and Elsie Fincham, M.P.S. R.O.: 38 East Meadway, Birmingham, 33.

LEINSTER LABORATORIES, LTD. (P.C.). Capital £100. To carry on the business of whole-sale and retail chemists and druggists, etc. Directors: Ernest N. Enfield and David Myers. R.O.: 12 Norfolk Street, London, W.C.2.

MEMO COSMETICS, LTD. (P.C.).—Capital

£100. Directors: Samuel P. Cohen and Oswald J. Greene, R.O.: 187 Railway Approach, Shepherds

Greene, R.O.: 187 Railway Approach, Shepherds Bush Market, London, W.12.

MUNDUS CLEANING PRODUCTS, LTD. (P.C.).—Capital £100. Directors: Elaine Scott-Brown, Stable Cottage, Bitchet Green, Sevenoaks, Kent, and Joy B. Woollett.

A. H. RIPPIN (CHEMISTS), LTD. (P.C.).—Capital £2,500. To carry on the business of retail chemists and druggists and cleaning and capital stable property.

Capital £2,500. To carry on the business of retail chemists and druggists, etc. Directors: Arthur H. Rippin, M.P.S., and Ethel M. Rippin. R.O.: 288 Walton Road, East Molcsey, Surrey.
N. W. SHILLING, LTD. (P.C.).—Capital £3,000. To carry on the business of chemists, etc. Directors: Norman W. Shilling, M.P.S., and Lulu M. Shilling, R.O.: 8 Hampton Place, St. Marychurch, Torquey. Marychurch, Torquay, SMITHS CHEMISTS (MEDWAY),

SMITHS CHEMISTS (MEDWAT), LTD. (P.C.).—Capital £100. To carry on the business of chemists, etc. Directors: Alan J. Smith, M.P.S., Herbert T. Hoskins and Christopher J. Summers, M.P.S. R.O.: 320 Canterbury Road, Gillingham, Kent.

ROY SUSMAN (CHEMISTS), LTD. (P.C.).— Capital £10,000, Directors: Roy S. H. Susman, M.P.S., Barbara R. Susman, Henry Cooklin and Kurt Falkenstein. R.O.: 130 New Walk, Leicester.

WANSBECK PHARMACY, LTD. (P.C.).— Capital £2,000. To acquire the business of a drug store carried on by William M. Crinkley at Stakeford, Northumberland, etc. Directors: William M. Crinkley, Mrs. Elsic Crinkley and Ian W. Graham, M.P.S. R.O.: 137 Ashington Drive, Stakeford, Northumberland.

STANLEY WESTON GROUP, LTD. (P.C.).

-Capital £100. To carry on the business of an investment industrial, and property holding company, etc. Directors: Stanley Weston, Robert Weston, Ralph Weston, M.P.S., and Stanley Willoughby, R.O.: 36 West Bar, Sheffield, 3.

#### **PATENTS**

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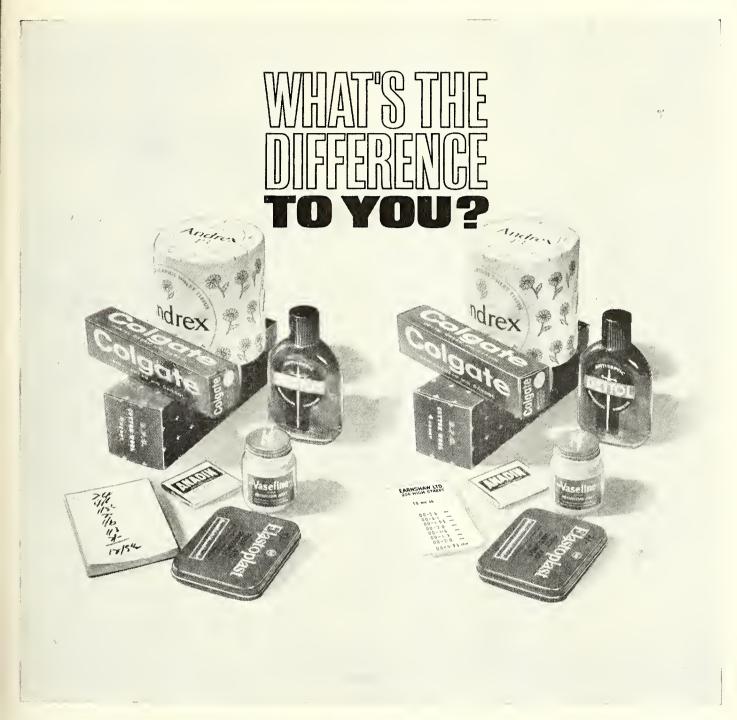
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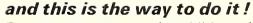
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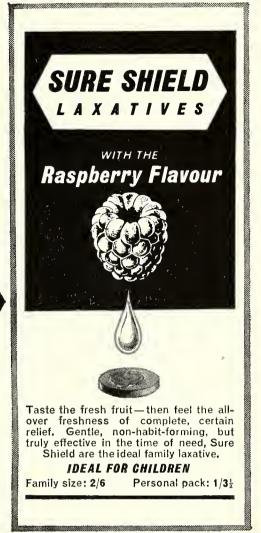
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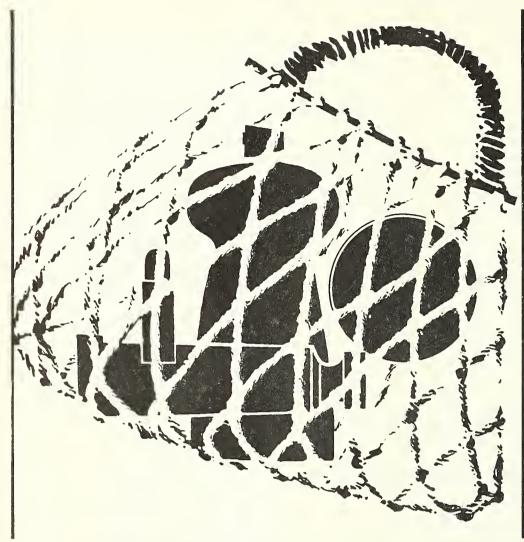
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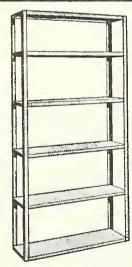
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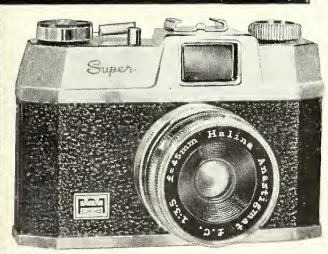
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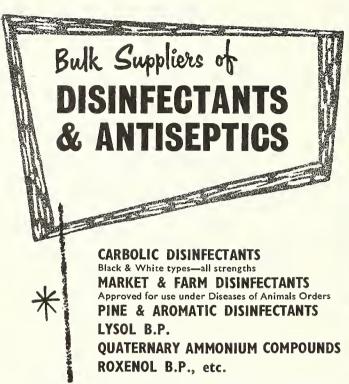
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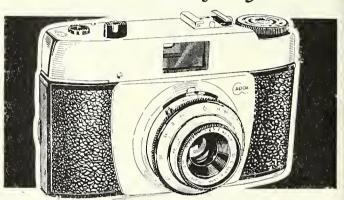
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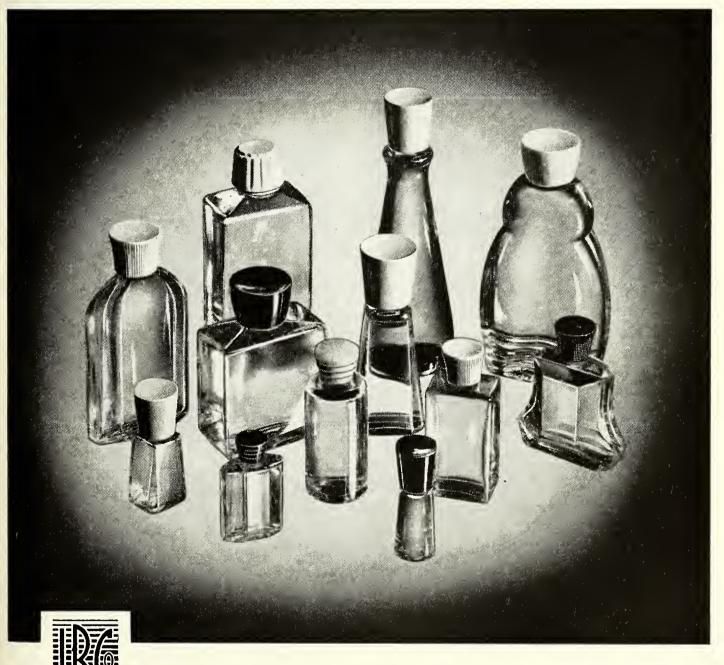
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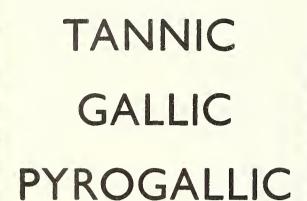
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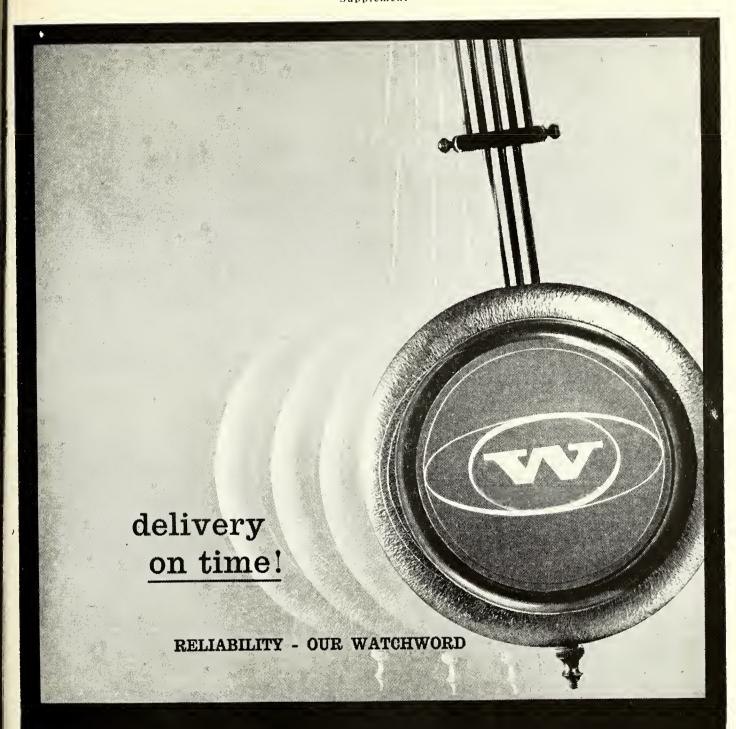
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Locum Pharmacist

required. Apply to Hospital Secretary naming two referees

#### BATTERSEA GENERAL HOSPITAL, BATTERSEA PARK, S.W.11

Locum Tenens Pharmacist or Senior Pharmacist

full or part-time required. Apply Secretary. C 9155

#### BROADMOOR HOSPITAL, CROWTHORNE, BERKS

Chief Pharmacist

required, N.H.S. conditions, Salary, Category V, plus £70, Unfurnished house available. Applications, naming three referees, to Medical Superintendent.

#### BINGLEY, KEIGHLEY, SKIPTON AND SETTLE HOSPITAL MANAGEMENT COMMITTEE

Locum Tenens Pharmacist

required, based at Keighley Victoria Hospital. Salary £19 19s, per week, Female may be resident if desired. Further information from Chief Pharmacist, Keighley Victoria Hospital, Tel.: Keighley 5471. Applications to Group Secretary, St. Iohn's Hospital, Fell Lane, Keighley, Yorkshire. C 9145

#### CAMBERWELL HOSPITALS MANAGEMENT COMMITTEE

Chief Pharmacist (Category 1)

Applications invited for the post of Chief Pharmacist (Category D, St. Francis Hospital, Constance Road, S.E.22, Salary £855 x £35 (2) x £40 (6) to £1,165 p.a. plus London Weighting Allowance.

Apply: Group Secretary, Dulwich Hospital, East Dulwich Grove, S.E.22. C 9117

#### CENTRAL GROUP HOSPITAL MANAGEMENT COMMITTEE

Locum Pharmacist

required for holiday relief duties in Hospitals within the group. May 11-16, 1964, June 1-20, 1964, June 8 to July 4, 1964, June 15 to 27, 1964, August 10 to October 3, 1964, and September 7-12, 1964 Salary £19 198, Applications to the Chief Pharmacist, Metropolitan Hospital, Kingsland Road, E.8, CLI, 6862.

#### CENTRAL MIDDLESEX HOSPITAL, PARK ROYAL, LONDON, N.W.10

Senior Pharmacist

required. Applications, giving age, details of experience, etc., to Medical Director as soon as possible.

C 9149

#### **DULWICH HOSPITAL** EAST DULWICH GROVE, LONDON, S.E.22

Dispensing Assistant

required. Salary commensurate with qualifications. Applications, in writing, stating age, education and experience to the Administrative Officer, Dulwich Hospital, East Dulvick Grove, S.E.22.

#### HILLINGDON HOSPITAL, **UXBRIDGE, MIDDLESEX**

Senior Pharmacist

required. Salary scale £810 p.a. rising to maximum of £1,060 plus London Weighting. Initial salary according to experience, Applications stating age, nationality, qualifications and experience and enclosing three recent testimonials to Medical Director. C 9136

#### CENTRAL MIDDLESEX HOSPITAL, PARK ROYAL, LONDON, N.W.10

Pharmacist and Locum Pharmacist

required. Applications, giving details of qualifications, experience and age, to Medical Director, as soon as possible. C 9150

#### HIGHLANDS GENERAL HOSPITAL, WINCHMORE HILL, LONDON, N.21

Locum Pharmacist

required immediately until September, Apply to Hospital Secretary.

#### HILLINGDON HOSPITAL, **UXBRIDGE, MIDDLESEX**

Pharmacist

Locum Tenens required, £19 19s, per week. Apply stating age, qualifications and experience, to Medical Director. C 9137

#### HOSPITAL MANAGEMENT COMMITTEE No. 9, WAKEFIELD "A" GROUP

Senior Pharmacist

Senior Pharmacist

for busy sterilising and manufacturing department in a category IV group hospital.

Modern equipment includes newly installed rapid cooling fluids autoclave. Post offers excellent experience. Salary £810 x £35 (6) x £40 (1)—£1,060. Whitley Council conditions.

Application Form from Group Secretary, 113 Northeate, Wakefield. C 9156 Application Form from 113 Northgate, Wakefield.

#### KING'S LYNN AREA HOSPITALS MANAGEMENT COMMITTEE

Senior Pharmacist

Applications are invited for the above appointment in the Group Pharmacy Department at the West Norfolk & King's Lynn General Hospital, King's Lynn, Nor-

folk. Whitley Council conditions of service and salary £810 rising to £1,060 (subject to 5 per cent, increase following Industrial Court Award), plus £25 higher qualification allowance where applicable. Supporting staff includes three Dispensing Assistants. Applications, stating age, qualifications, experience, and the names of two referees, to be sent to the Group Secretary, St. James' Hospital, Extons Road, King's Lynn, Norfolk.

#### LEWISHAM GROUP HOSPITAL MANAGEMENT COMMITTEE

Chief Pharmacist (Category III)

required for St. John's and Hither Green Hospital. Full details and names of referees to Group Secretary, Lewisham Hospital, High Street, S.E.13.

#### LEAVESDEN HOSPITAL, ABBOTS LANGLEY, WATFORD, HERTS

Dispensing Assistant

required, qualified or unqualified, for duties in the Pharmaceutical Department of the Leavesden Group of Hospitals, Apply to Physician Superintendent, Leavesden Hospital, Abbots Langley, Watford, Herts, for further details.

#### LEAVESDEN GROUP HOSPITAL MANAGEMENT **COMMITTEE**

Locum Tenens Pharmacist-in-Charge

required in this Group. Previous hospital experience not essential. Salary for full-time £21 10s. 6d. per week. For further details apply to Physician Superintendent, Leavesden Hospital, Abbots Langley, Wasford, apply to Physician Superintendent den Hospital, Abbots Langley,

#### LONDON JEWISH HOSPITAL, STEPNEY GREEN, E.1

Locum Pharmacist

required at the above hospital, Modern department. Every third Saturday morning off, Previous hospital experience not essential. Salary £19 19s, per week, Applications to the Chief Pharmacist (Telephone: STE. C 9122

#### LONDON JEWISH HOSPITAL, STEPNEY GREEN, E.1

Pharmacist

required at the above hospital. Modern department giving good general experience. Every third Saturday morning off, Previous hospital experience not essential. Whitley Council conditions of service and salary. Applications in writing stating age, qualifications and experience and giving the names of two referees, to the Chief Pharmacist.

#### MOORFIELDS EYE HOSPITAL

Dispensing Assistant

Applications are invited for the above post, female. An interesting appointment in well-equipped, modern department, Training given for Apothecaries' Hall Certificate. Whitley Council salary and conditions of service. Apply, in writing, to the Chief Pharmacist, Moorfields Eye Hospital, City Road, London, E.C.1.

#### NORTH WIRRAL HOSPITAL MANAGEMENT COMMITTEE, VICTORIA CENTRAL HOSPITAL, LISCARD ROAD WALLASEY, CHESHIRE

Pharmacist, full-time

according to scale agreed by the Whitley Council,
Applications to Hospital Secretary.

#### ROYAL MARSDEN HOSPITAL, FULHAM ROAD, LONDON, S.W.3

#### A Post-graduate Teaching Hospital Pharmacist

required, approximately 1st July, 1964, to work in a new well-equipped department. Post offers a wide variety of duties, some in association with the Institute of Cancer Research, Salary £725 to £970 per annum (5 per cent, increase agreed), according to previous experience, plus London Allowance £25—£40 and £25 a year for Higher Qualification allowance. Applications with names of two referees to the Group Pharmacist. C 9111

#### PADDINGTON GENERAL HOSPITAL, HARROW ROAD, W.9

Senior Pharmacist

required at above hospital. Commencing salary according to previous experience. Applications together with the names and addresses of two referees to the Hospital Secretary

#### PADDINGTON GROUP HOSPITAL, HARROW ROAD, W.9

Locum Pharmacist

required for indefinite period. Apply immediately to the Hospital Secretary.

#### ROYAL FREE HOSPITAL

Locum Pharmacist

required for work at the above hospital for a period of eight weeks from 25th May, 1964, Salary £19 19s, per week, Apply naming two referees to Group Chief Pharmacist, Royal Free Hospital, Gray's Inn Road, London, W.C.1.

# ST. ALBANS CITY HOSPITAL, NORMANDY ROAD, ST. ALBANS, HERTS

(403 beds)

**Locum Tenens Pharmacist** 

required from beginning of May 1964, Part-time would be considered. Whitley Council salary and conditions of service, Detailed applications giving names of two referees to the Hospital Secretary. C 659

#### ST. ALBANS CITY HOSPITAL, NORMANDY ROAD, ST. ALBANS, HERTS (403 beds)

Senior Pharmacist or Pharmacist

Applications are invited for the above post at this general hospital within easy reach of Central London,

#### Locum Tenens Pharmacist

required immediately pending this appointment. Whitley Council salary and conditions of service, Applications stating age, qualifications and experience, together with the names of two rerefees, to the Chief Pharmacist.

C 652

#### ST. GILES HOSPITAL, CAMBERWELL, S.E.5

Locum Pharmacist

full-time, part-time or sessional, required immediately. Apply Chief Pharmacist (Tel.: Rodney 4221).

#### ST. JOHN'S & HITHER GREEN HOSPITAL

Pharmacist

required at once. Applications to Hospital Secretary, St. John's Hospital. Morden Hill, S.E.13. C 656

# ST. MARK'S HOSPITAL, CITY ROAD, LONDON, E.C.1

Locum Pharmacist-in-Charge

required for 3 weeks commencing June 8. Salary £21 10s, 6d, per week, Telephone or write to Chief Pharmacist (CLE, 8821, Ext. C 9160

#### ST. JOHN'S & HITHER GREEN HOSPITAL

Locum Pharmacist

required, £19 19s, Apply Hospital Secretary, St. John's Hospital, Morden Hill, S.E.13.

#### THE WILLESDEN GENERAL HOSPITAL, HARLESDEN ROAD, LONDON, N.W.10

Senior Pharmacist

required. Apply Hospital Secretary. C 9159

#### UPTON HOSPITAL, **SLOUGH**

Locum Pharmacist

full- or part-time required immediately. Apply in writing or by telephone to Secretary (Tel.: Slough 23261), C 9128

#### UPTON HOSPITAL, SLOUGH

Senior Pharmacist

required immediately. Category 111 General Hospital. Apply stating age, qualifications and experience, giving two referees, to Secretary. C 9130

#### WEST SUFFOLK GENERAL HOSPITAL, BURY ST. EDMUNDS, SUFFOLK (250 beds)

Locum Tenens Pharmacist

required in busy modern department for period of approximately 2/3 months immediately. Salary £19 guineas per week, Enquiries should be addressed to the Hospital Secretary. C 9157

#### SITUATIONS VACANT

RETAIL (HOME)

CHEMIST COUNTER ASSISTANTS required for London, E.C.1 and N.1. Highest salary paid in exchange for experience and loyalty. Apply in writing to The Managing Director, Kendale Chemists, 51 Exmouth Market, London, E.C.1.

LOCUM PHARMACIST, lady or gentleman, required, June 29—July 4 inclusive. Adequate staff. No Sunday or half-day duty. Kensal Pharmacy, 15 Kilburn Lane, Willesden, W.10. Telephone Ladbroke 2063. C 6080

MANAGER REQUIRED for pleasant suburban shop, 3 bedroom flat available, Good salary, Harry S. Allen, Ltd., 63 Jenkin Road, Sheffield, 9. Telephone: Sheffield 386264.

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PHARMACIST MANAGERS. Managers are required for pharmacies throughout Great PHARMACIST MANAGERS. Managers are required for pharmacies throughout Great Britain. Salary is high with free accommodation, commission and pension schemes. Applicants will be required to use their own initiative in the running and stocking of the shops, Applications to Managing Director, John Kelsey Chemists Limited, 21 Lime Street, London, E.C.3.

SUPERINTENDENT PHARMACIST, either sex required. Permanent post or locum. No rota duties. Commence Monday, June 8. Apply by letter or telephone for interview. Leslie Martyn Ltd., 34 Dalston Lane, London, E.8. Telephone: Clissold 0946. C 672

#### Situations Vacant—Continued

#### WHOLESALE

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retail.

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The Manager, Bradley & Bliss Ltd., Waddon Marsh Way, Purley Way, Croydon, Surrey. MUNicipal 2500

C 9152

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REPRESENTATIVES (commission only) required for Midlands, Wales, West Country and Scotland, calling on wholesalers and multiples only. Products well advertised and fast selling, with continuous repeats. Box C 673.

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WELL-KNOWN COSMETIC COMPANY requires free-lance representatives, on a commission basis, to maintai ncontact between factory and wholesale trade, Existing accounts will be credited to representatives, Box

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#### GRADUATE

GRADUATE

Graduate in pharmacy, chemistry or related subjects, aged about 25, required for post in Medical Department of internationally knewn pharmaceutical firm in Paris, A good salary will be offered to a candidate able to translate technical material from French into English with speed and accuracy.

The appointment will be permanent, with excellent conditions of service. Preliminary interviews will be held in London, and all applications will be treated in strict confidence. Box C 6087.

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C8826

#### SITUATIONS WANTED

**EXPERIENCED** gentleman seeks position, preferably wholcsale, London area. Excellent knowledge of dispensing, ethicals, etc. Salary and conditions at interview. Replies acknowledged, Box C 6084.

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C 6088

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Dept. C.D.1. POWER & SON, LTD., 96-98 Grafton Road. London, N.W.5. Tel.: Gulliver 6155/6.

C 670

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The Deputy Managing Director, Armour Pharmaceutical Company Ltd., Hampden Park, Eastbourne, Sussex

C 9168

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#### SCOTLAND

#### CHEMIST

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C 6075

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C 6069

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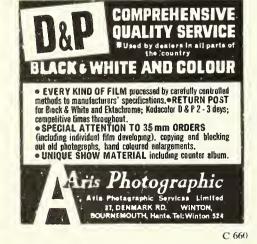
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